

# Pipe Rack System 仓储管架系列



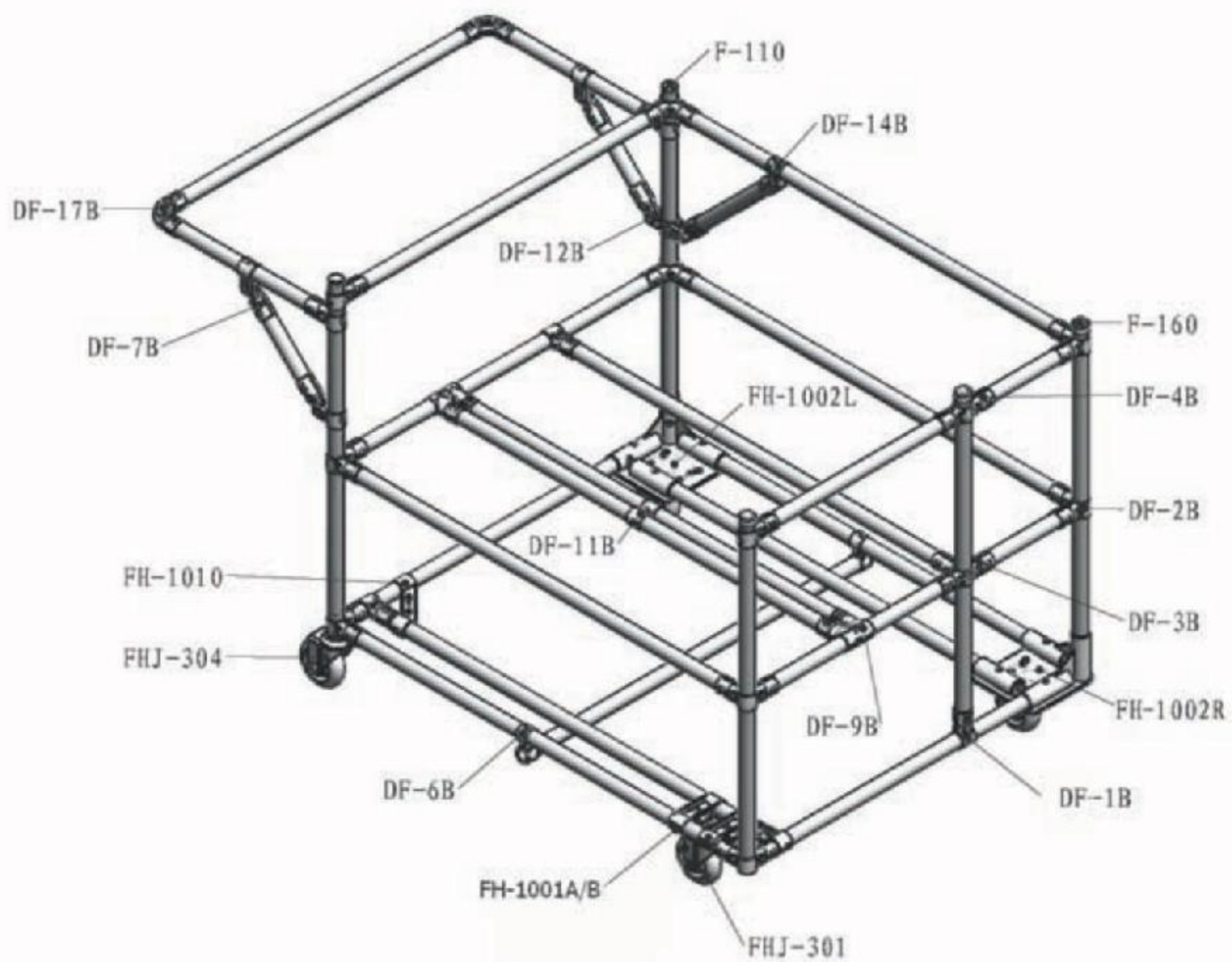
Industrial Automation Machine  
& accessories

工业铝型材整机&配件

宁波得发科技有限公司  
Ningbo Defa Technology Co.,Ltd.



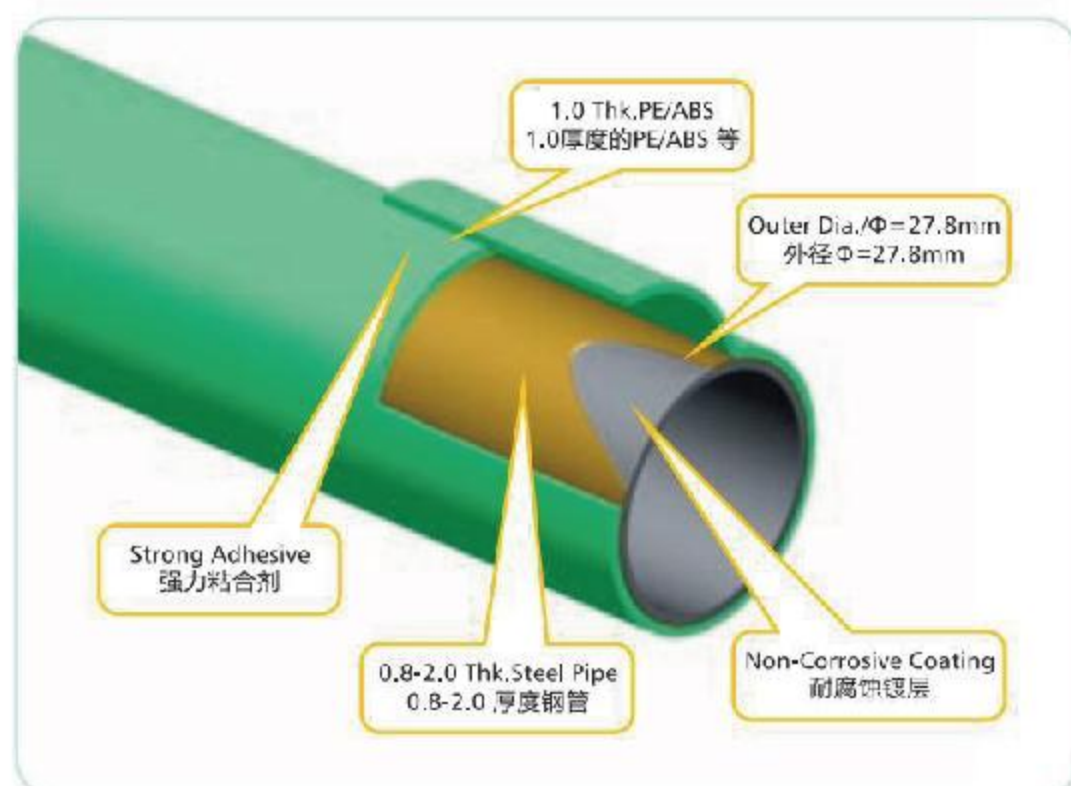




## Pipe Rack System 管架仓储系列



## Pipe Rack System/28 OD Pipe/Coated Pipe 管架仓储系列/28线棒系列/包塑管



### 线棒介绍

线棒（也称为覆塑管、精益管），是外层覆塑胶层中间金属层内层为防锈层的钢塑复合管，为牢固金属层和塑胶层之间粘接力使用粘合剂粘接，防止塑胶开裂脱落。钢管的内壁为防腐的涂层，标准的线棒直径为  $27.8\text{mm} \pm 0.1\text{mm}$ ，钢管壁厚  $0.8\text{mm}$ ， $1.0\text{mm}$ ， $1.2\text{mm}$ ， $1.5\text{mm}$  和  $2.0\text{mm}$ 。线棒产品是由管件和线棒组合接头组成的一种模块化系统，可以将任何创造性的想法转换成一种个性化的切合实际的结构，并且制造极其简单和迅速、低成本。线棒——是由一种钢合金与高分子塑料的复合管（精益管），其外层为PE、ABS、ESD塑胶层，中间为金属层，内层为防锈层的柔性管道。应用组合接头和专用配件构成。广泛应用在汽车工业、电子制造业、通讯产业、生物工程、制药业、军工业、各种化工、精密五金等多样化的生产环节。线棒产品的管件和连接件，只需要您的想象，您就可以搭建。它不单单只是容易，并且十分有趣。线棒产品系统任何人都可以设计和安装、可以设计成任意尺寸，同时非常轻巧和易于搬运。

### Introduction about coated pipes

Coated pipe rack system, is an ideal material handling system that is wisely designed for all industries material handling need. It is smart, dynamic and flexible. It can be made into various type of racks, trolleys, productions cell tables, viewing boards and gravity flow racks. In fact, its usage is limitless, add in your idea today!

Rack in pipe rack system could be made up several kinds of tools as we please by using the pipe and flexible connecting parts which is widely used in electronics, machinery, automobiles, home appliances, light industry, electronic industry. Its easily to dismantle and convenient to carry.

Pipe rack system could be suitable for all kinds of mode and size. Resolve personal design plan and make them come true. For example: Desk, Stocking Shelf, Racking, Hand cart and so on.

#### Features:

1. Simple & Easy Operation
2. Can be reused and taken down easily. Can be random joined with the pipe rack metal joint system.
3. Can be installed pulley

Our company owns the most advanced In-Line System for coated pipes, its daily capacity can reach 8000 meters. Top quality and best price! Warmly Welcome customers from all over the world to our company to check with your own eyes! we sincerely hope to establish business relationship with any one or any company on the basis of mutual benefit and equality

### 我司线棒有哪些优势

目前国内线棒厂家良莠不齐，部分厂家为节省成本，偷工减料，生产出来的线棒品质堪忧：设备陈旧，因而性能及外观都达不到要求……

#### 我司线棒生产工艺

我公司拥有目前国内最先进的制管及包塑于一体的在线生产设备。

进料（优质镀锌钢带）——铁管焊接成型——焊线打磨——铁管二次整形——注胶+包塑——成品检验——打包完成。

优势：由于采取先进的制管及包塑于一体的在线生产设备，我司线棒优势明显。

1. 生产出来的线棒头部平整均匀，客户不需要二次加工以去除料头，因而最大限度地提高了产品的实际使用率，减少浪费；同时也节约了产品安装时间，提高客人的工作效率。
2. 整根线棒同心度均匀，设备能有效的控制好整批线棒的同心度，因而能更好的和系列接头，地脚等附件有效配合，提高产品整体性能。
3. 由于我们采取优质镀锌钢带，线棒防腐能力强，长时间使用内壁不易生锈，提高产品使用寿命。
4. 采取强力粘合剂，产品长时间使用或挤压碰撞后不开裂。
5. 我们线棒用料足，钢管厚度确保达标（我们绝不偷工减料）。

目前国内大部分线棒生产厂家从钢管厂采购钢管来简单包塑加工的，因而不能有效控制好钢管的同心度，整批线棒同心度公差很大，严重影响和其它产品的配套使用；钢管壁厚严重达不到要求，铁管和包塑材料之间没有使用任何粘合剂，因而线棒经过碰撞挤压或受天气影响容易变形开裂……

如何检验线棒优劣：

1. 看外表：外表是否平整光滑，测量同心度是否一致；整条线棒头部是否平整。
2. 看内壁：铁管内壁是否有防腐层或电镀层。
3. 测壁厚：用刀片割开包塑材料，用千分尺测量铁管壁厚是否达到要求。
4. 测包塑：用锤子有力敲打线棒，看看包塑材料是否开裂；或用刀片试着去割线棒外表，如果包塑物能较容易地去除，说明该线棒使用寿命欠佳。

## Pipe Rack System/28 OD Pipe/Coated Pipe 管架仓储系列/28线棒系列/包塑管

### THE STRENGTH OF COATED PIPES

线棒力学测试(单位:N 牛顿)

#### 1) THE STRENGTH OF COATED PIPES

##### 1) 线棒力学性能

The procedure is for testing the center of a pipe

A. Simply Supported pipe.

B. Concentrated load on the center of the pipe

C. Speed of Loading: 1kg/min

D. Temperature: 20°C

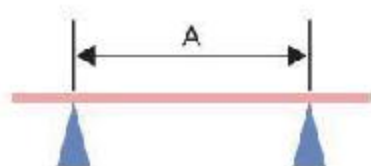
产品中央集中承重力测试

A. 线棒简支支撑

B. 中央集中承重

C. 载荷载入速度1kg/min

D. 环境温度: 20°C



#### Steel thickness 0.8mm 0.8mm 壁厚钢管

| 尺寸 A DimensionA | Proportional Limit load极限承重 |
|-----------------|-----------------------------|
| 450mm           | Approx./约1275N              |
| 900mm           | Approx./约632N               |
| 1,000mm         | Approx./约 520N              |
| 1,100mm         | Approx./约 438N              |
| 1,300mm         | Approx./约 395N              |
| 1,500mm         | Approx./约 344N              |
| 1,800mm         | Approx./约 288N              |

#### Steel thickness 1.0mm 1.0 mm 壁厚钢管

| 尺寸 A DimensionA | Proportional Limit load极限承重 |
|-----------------|-----------------------------|
| 450mm           | Approx./约1593N              |
| 900mm           | Approx./约790N               |
| 1,000mm         | Approx./约 650N              |
| 1,100mm         | Approx./约 548N              |
| 1,300mm         | Approx./约 493N              |
| 1,500mm         | Approx./约 430N              |
| 1,800mm         | Approx./约 360N              |

#### Steel thickness 1.2mm 1.2mm 壁厚钢管

| 尺寸 A DimensionA | Proportional Limit load极限承重 |
|-----------------|-----------------------------|
| 450mm           | Approx./约1911N              |
| 900mm           | Approx./约948N               |
| 1,000mm         | Approx./约 780N              |
| 1,100mm         | Approx./约 657N              |
| 1,300mm         | Approx./约 591N              |
| 1,500mm         | Approx./约 516N              |
| 1,800mm         | Approx./约 432N              |

#### Steel thickness 1.5mm 1.5mm 壁厚钢管

| 尺寸 A DimensionA | Proportional Limit load极限承重 |
|-----------------|-----------------------------|
| 450mm           | Approx./约2404N              |
| 900mm           | Approx./约1193N              |
| 1,000mm         | Approx./约 982N              |
| 1,100mm         | Approx./约 877N              |
| 1,300mm         | Approx./约 789N              |
| 1,500mm         | Approx./约 649N              |
| 1,800mm         | Approx./约 544N              |

#### Steel thickness 2.0mm 2.0mm 壁厚钢管

| 尺寸 A DimensionA | Proportional Limit load极限承重 |
|-----------------|-----------------------------|
| 450mm           | Approx./约3104N              |
| 900mm           | Approx./约1893N              |
| 1,000mm         | Approx./约 1682N             |
| 1,100mm         | Approx./约 1577N             |
| 1,300mm         | Approx./约 1489N             |
| 1,500mm         | Approx./约 1349N             |
| 1,800mm         | Approx./约 1244N             |

### Weight for Coated Pipe 线棒重量

| Steel Thk. 铁管壁厚 | kgs/meter 米重 |
|-----------------|--------------|
| 0.8mm           | 0.55         |
| 1.0mm           | 0.685        |
| 1.2mm           | 0.8          |
| 1.5mm           | 0.97         |
| 2.0mm           | 1.17         |

| H                                | 08                                                       | X                                                                  | 40                              | Z                                  |
|----------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|------------------------------------|
| Coating Material<br>包塑材质         | Steel Thk.<br>管子壁厚                                       | Color<br>颜色                                                        | Length<br>管子长度                  | Steel Antirust<br>铁管防腐处理           |
| H=PE复合管<br>EH=ESD防静电<br>A=ABS复合管 | 08=0.8mm<br>10=1.0mm<br>12=1.2mm<br>15=1.5mm<br>20=2.0mm | I=奶黄色<br>W=white白色<br>B=黑色<br>D=蓝色<br>H=黄色<br>R=红色<br>G=灰色<br>N=绿色 | 40=4000mm<br>57=5700mm<br>..... | Z=Zinc Plated镀锌<br>O= Ordinary普通处理 |

## Pipe Rack System/28 OD Pipe/Coated Pipe 管架仓储系列/28线棒系列/包塑管

The following Pipes are always available in stock

下列线棒为我司常用规格，库存充足。其它规格欢迎定制。

| Steel Thk. 铁管壁厚 | Item No. 产品编号 | Color 颜色  | Coating 包塑材料 | Steel 铁管处理     | Length 长度 | Packing 包装  | Weight/bag 包重 |
|-----------------|---------------|-----------|--------------|----------------|-----------|-------------|---------------|
| 0.8mm           | H08I40-Z      | Ivory 淡黄色 | PE           | Zinc Plated 镀锌 | 4000 mm   | 32 M/PP BAG | 18 kg         |
|                 | H08W40-Z      | White 白色  |              |                |           |             |               |
| 1.0mm           | H10I40-Z      | Ivory 淡黄色 | PE           | Zinc Plated 镀锌 | 4000 mm   | 32 M/PP BAG | 22.3 kg       |
|                 | H10W40-Z      | White 白色  |              |                |           |             |               |
| 1.2mm           | H12I40-Z      | Ivory 淡黄色 | PE           | Zinc Plated 镀锌 | 4000 mm   | 32 M/PP BAG | 26 kg         |
|                 | H12W40-Z      | White 白色  |              |                |           |             |               |
| 1.5mm           | H15I40-Z      | Ivory 淡黄色 | PE           | Zinc Plated 镀锌 | 4000 mm   | 32 M/PP BAG | 31.4 kg       |
|                 | H15W40-Z      | White 白色  |              |                |           |             |               |
| 2.0mm           | H20I40-Z      | Ivory 淡黄色 | PE           | Zinc Plated 镀锌 | 4000 mm   | 32 M/PP BAG | 37.8 kg       |
|                 | H20W40-Z      | White 白色  |              |                |           |             |               |



## Pipe Rack System/28 OD Pipe/Stainless Steel Pipe 管架仓储系列/线棒系列/不锈钢线棒

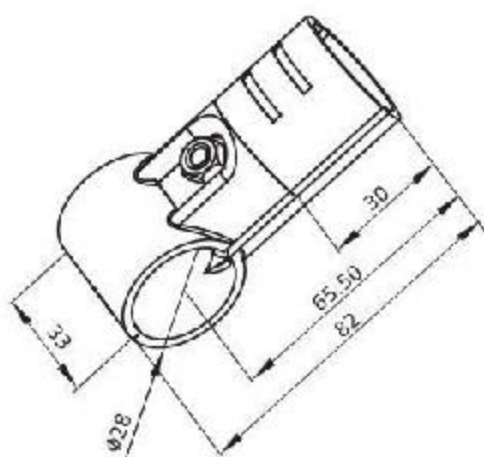


The following Stainless Steel Pipes are always available in stock  
下列不锈钢管为我司常用规格，库存充足。其它规格欢迎定制。

| Item No.产品编号 | Length 长度 | Packing 包装  | Weight/bag 包重 |
|--------------|-----------|-------------|---------------|
| S0840        | 4000 mm   | 32 M/PP BAG | 15.9 kg       |
| S1040        | 4000 mm   | 32 M/PP BAG | 19.31 kg      |
| S1240        | 4000 mm   | 32 M/PP BAG | 22.72 kg      |



Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头

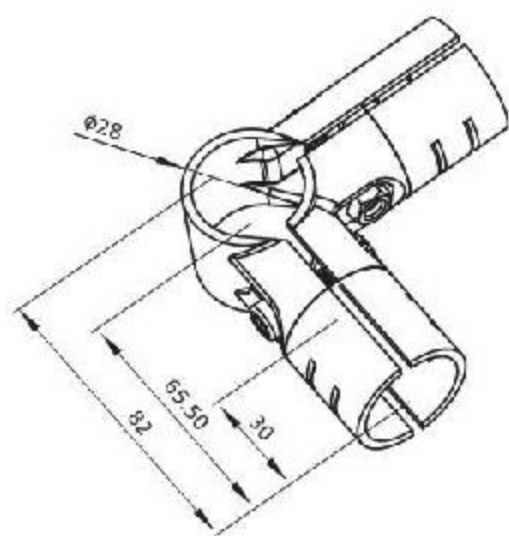


D-1:2 pcs



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-1B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 150           | 21           | 300*240*200 mm |
| DF-1N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-2:1 pc

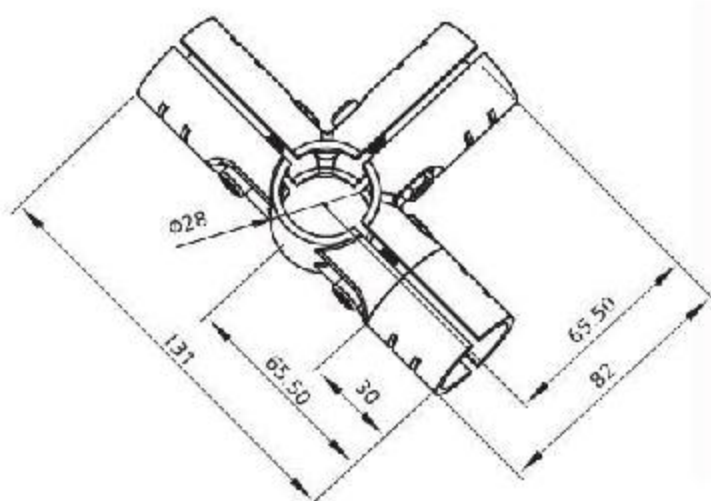


D-3:1 pc



F-180-28:2sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-2B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 75            | 16           | 300*240*200 mm |
| DF-2N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-2 : 2 pcs



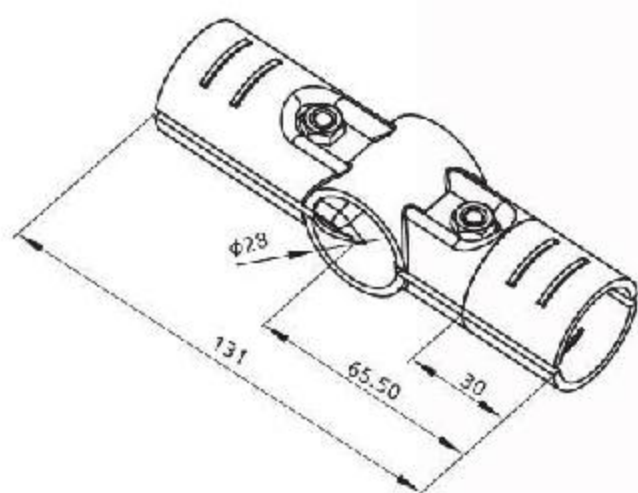
D-4 : 1 pc



F-180-28:3 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-3B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 75            | 22           | 300*240*200 mm |
| DF-3N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头

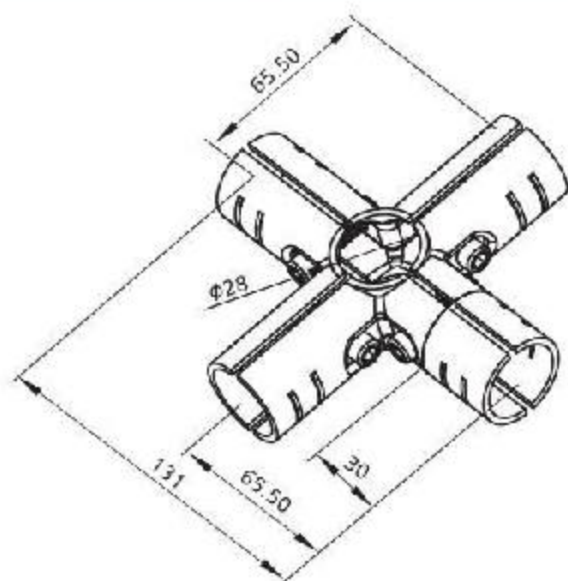


D-4 : 2 pcs



F-180-28:2 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-4B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 21.5         | 300*240*200 mm |
| DF-4N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

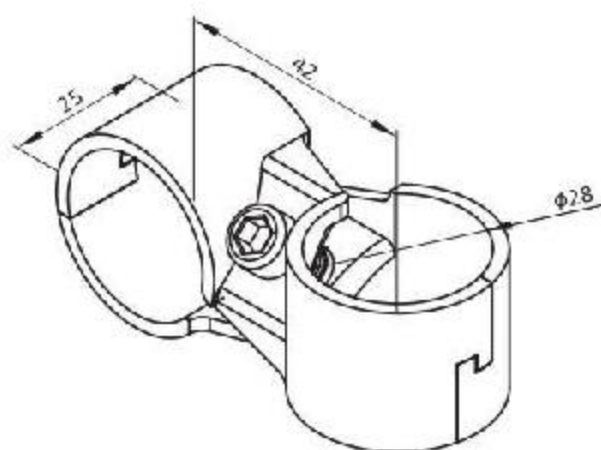


D-2 : 4 pcs



F-180-28:4 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-5B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 50            | 19           | 300*240*200 mm |
| DF-5N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



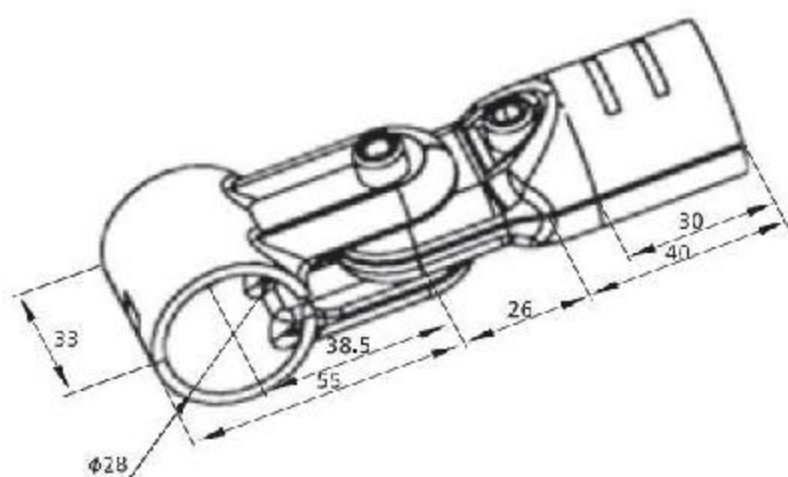
D-7 : 2 pcs



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-6B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 160           | 13.3         | 300*240*200 mm |
| DF-6N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头



D-5 : 2 pcs

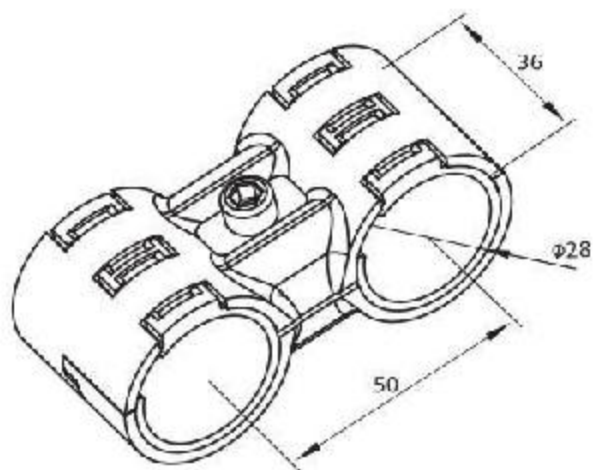


D-6 : 2 pcs



F-180-28:2 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-7B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 21.5         | 300*240*200 mm |
| DF-7N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-9A : 1 pc



F-140 : 2 pcs

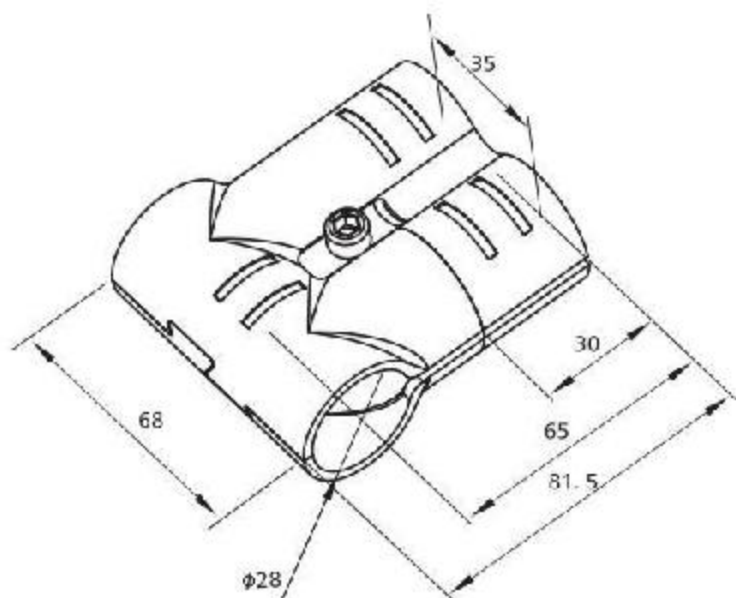


D-9B : 1 pc



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-8B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 50            | 8.4          | 300*240*200 mm |
| DF-8N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



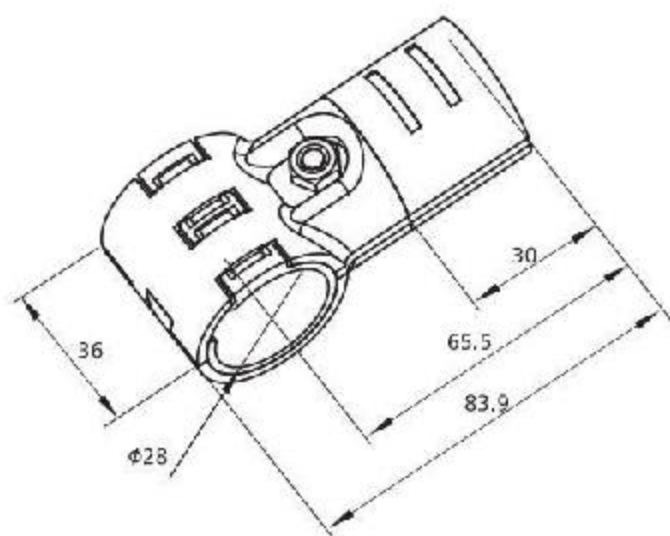
D-10 : 2 pcs



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-9B         | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 25.3         | 300*240*200 mm |
| DF-9N         | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头



D-11A : 1 pc



F-140: 1 pc

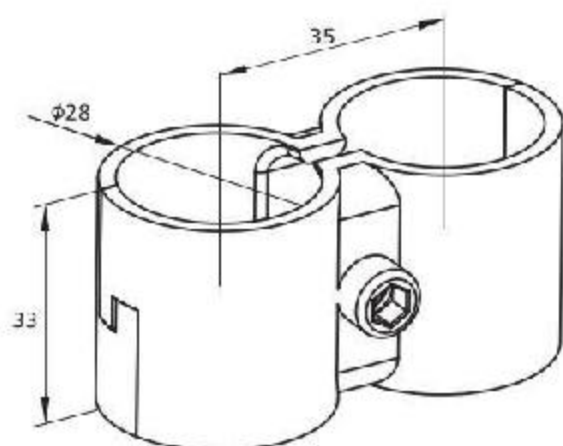


D-11B : 1 pc



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-10B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 15           | 300*240*200 mm |
| DF-10N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

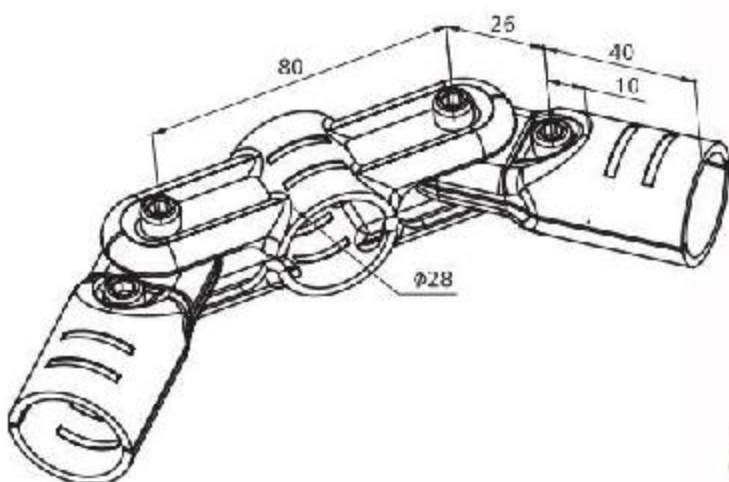


D-15 : 2 pcs



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-11B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 200           | 20.9         | 300*240*200 mm |
| DF-11N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-12 : 2 pcs



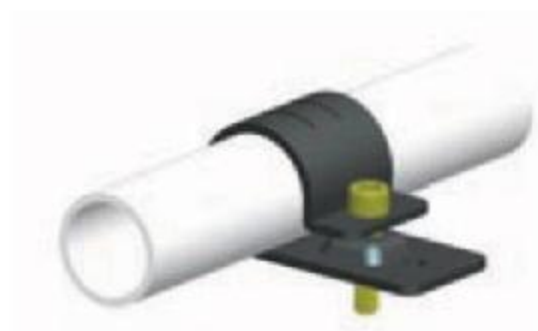
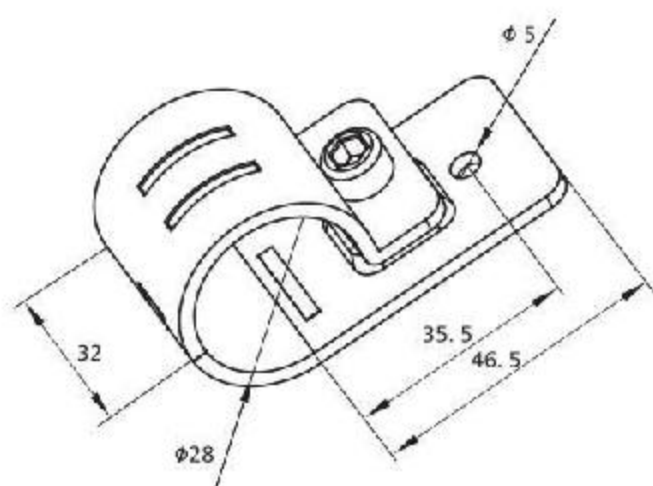
D-6 : 4 pcs



F-180-28:4 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-12B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 60            | 20.3         | 300*240*200 mm |
| DF-12N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头



D-13 : 1 pc

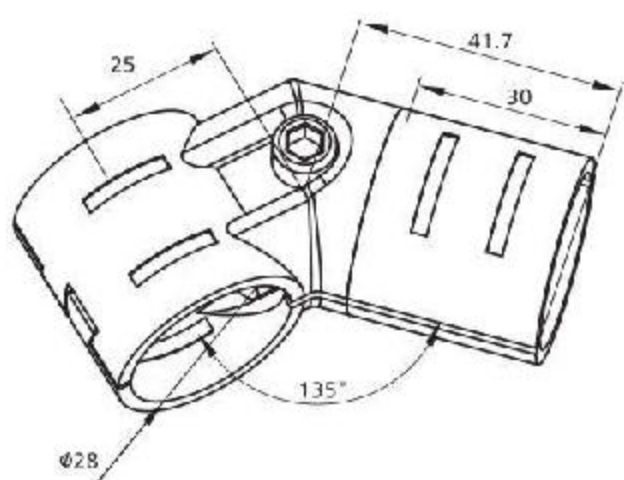


D-14 : 1 pc



F-180-10:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-13B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 250           | 20.8         | 300*240*200 mm |
| DF-13N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-8A : 1 pc

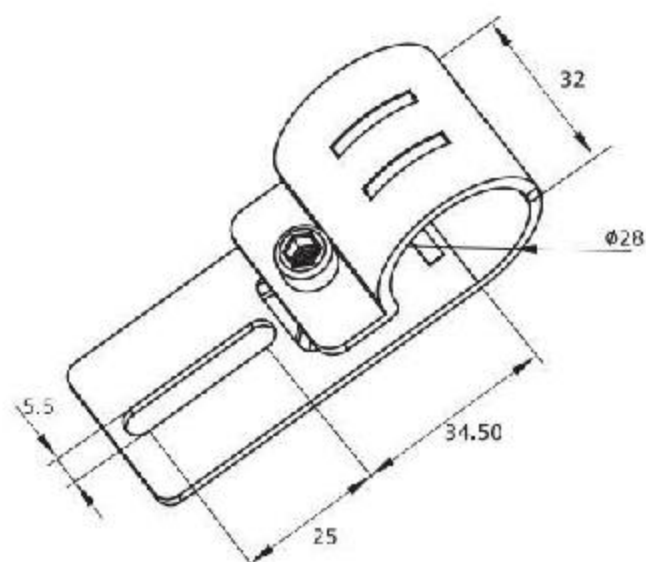


D-8B : 1 pc



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-14B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 150           | 20.8         | 300*240*200 mm |
| DF-14N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



D-13 : 1 pc



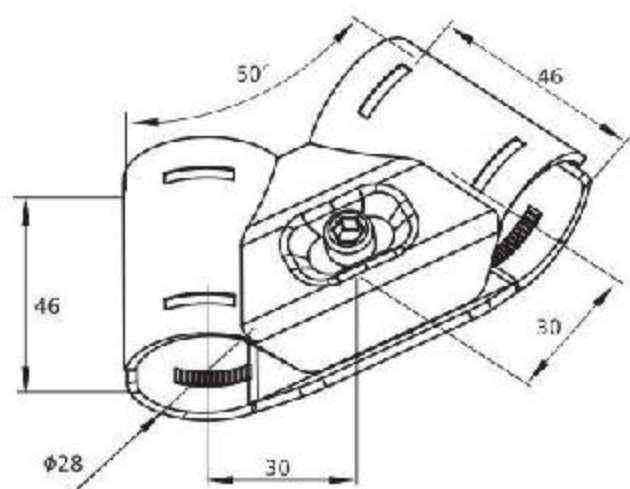
D-19 : 1 pc



F-180-10:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-15B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 250           | 22.8         | 300*240*200 mm |
| DF-15N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

## Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头

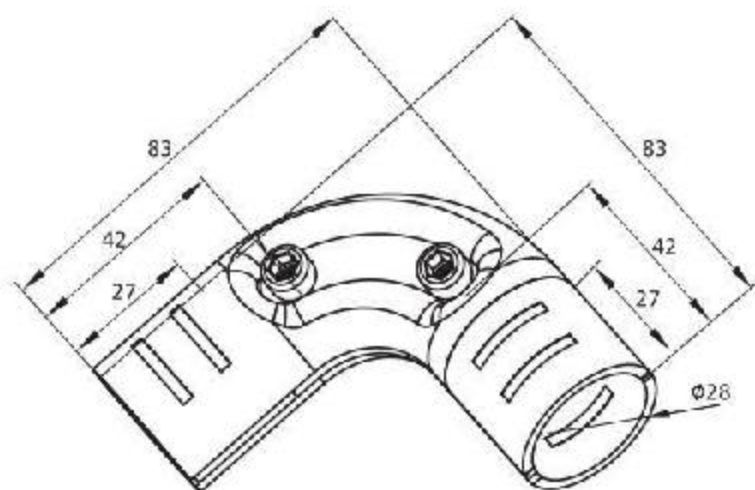


D-18 : 2 pcs



F-180-28:1 set

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-16B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 120           | 21.9         | 300*240*200 mm |
| DF-16N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

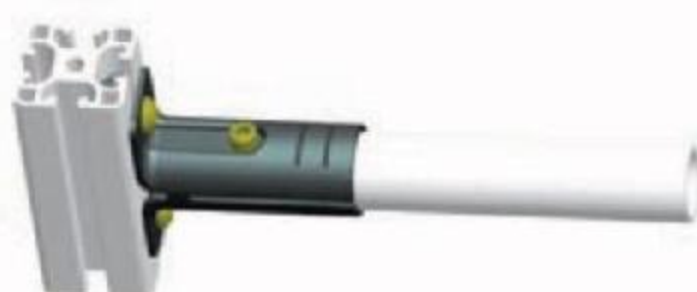
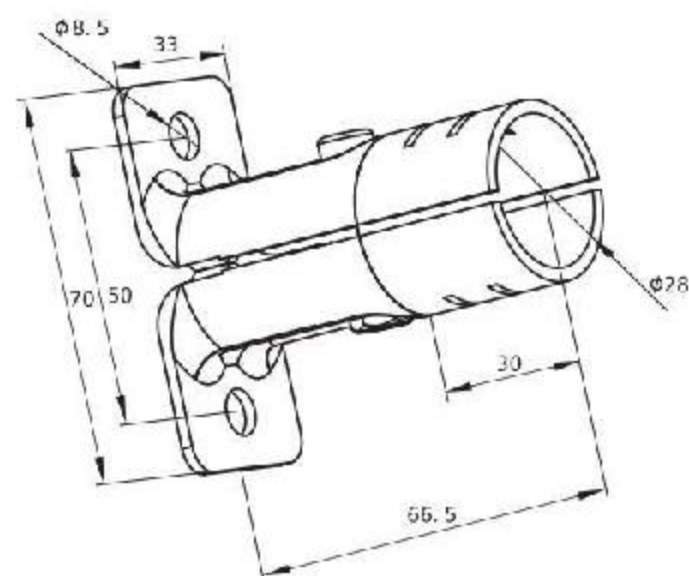


D-17 : 2 pcs



F-180-28:2 sets

| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-17B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 20.3         | 300*240*200 mm |
| DF-17N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |



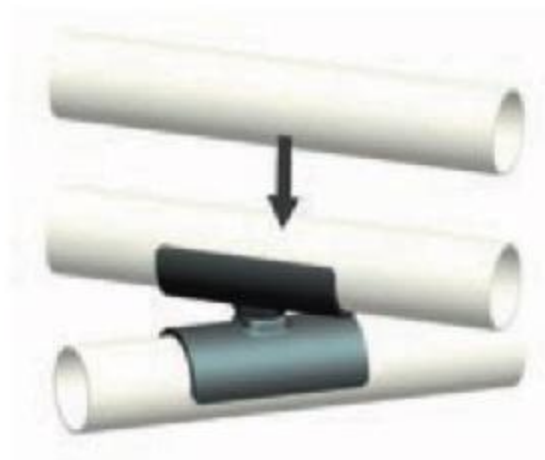
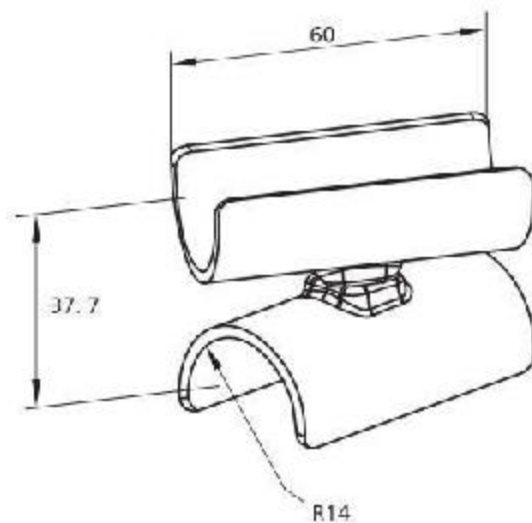
D-16 : 2 pcs



F-180-28:1 sets

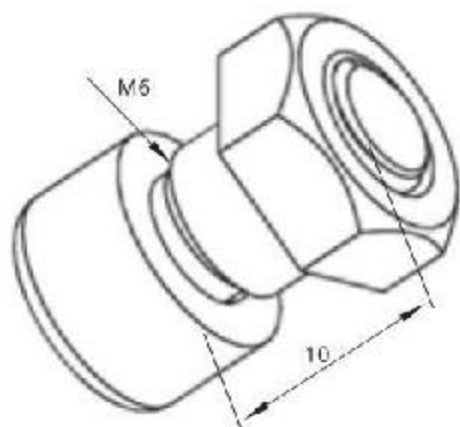
| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-18B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 200           | 26           | 300*240*200 mm |
| DF-18N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

Pipe Rack System/Metal Joints/Standard Joints 管架仓储系列/金属接头系列/常规接头

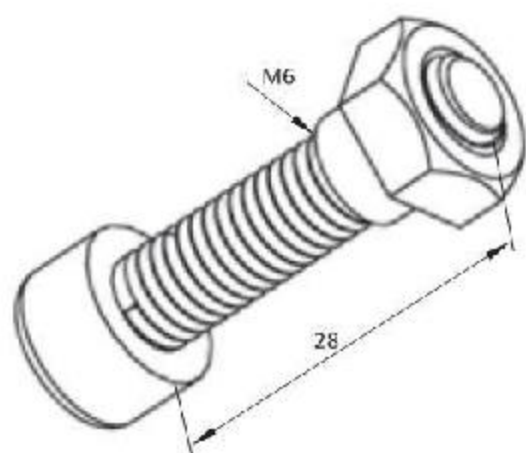


| Item No. 产品型号 | Finish 表面处理      | Material 材质             | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|------------------|-------------------------|---------------|--------------|----------------|
| DF-19B        | Black Paint黑色电泳漆 | Cold-rolled Steel 2.3mm | 100           | 12.3         | 300*240*200 mm |
| DF-19N        | Nickel Plated 镀镍 | 冷轧钢                     |               |              |                |

## Pipe Rack System/Bolt&Nuts for Joints 管架仓储系列/接头专用螺丝螺母



| Item No. 产品型号 | Finish 表面处理    | Material 材质        | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|---------------|----------------|--------------------|---------------|--------------|---------------|
| F-180-10      | Zinc Black 镀黑锌 | Steel Class 8.8 碳钢 | 2000          | 12.8         | 300*240*100mm |
| F-180-10W     | Zinc Blue 镀蓝锌  |                    |               |              |               |



| Item No. 产品型号 | Finish 表面处理    | Material 材质        | SETS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|---------------|----------------|--------------------|---------------|--------------|---------------|
| F-180-28      | Zinc Black 镀黑锌 | Steel Class 8.8 碳钢 | 1500          | 14.8         | 300*240*100mm |
| F-180-28W     | Zinc Blue 镀蓝锌  |                    |               |              |               |

## Packing Details for joints 接头包装方式

Packing A) Packing by Set like the following 包装方式A): 按整套装箱, 图例如下:



Packing B) Packing by Single piece part 包装方式B): 按单片装箱, 包装数据如下:

Packing for Single Piece (Standard Joints, thk.2.3mm) 单片包装数据(普通接头系列,厚度2.3mm)

| PHOTO 图片 | Part No. 单片货号 | PCS/PE Bag 每袋数量 | PCS/CTN 每箱数量 | N.W./CTN 每箱净重 | G.W./CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|----------|---------------|-----------------|--------------|---------------|---------------|---------------|
|          | D-1           | 10              | 300          | 20.7          | 21            | 300*240*200   |
|          | D-2           | 10              | 200          | 20.05         | 20.35         | 300*240*200   |
|          | D-3           | 10              | 100          | 12.8          | 13.1          | 300*240*200   |
|          | D-4           | 10              | 200          | 22.7          | 23            | 300*240*200   |
|          | D-5           | 10              | 500          | 21            | 21.3          | 300*240*200   |
|          | D-6           | 10              | 500          | 27.4          | 27.7          | 300*240*200   |
|          | D-7           | 10              | 320          | 13            | 13.3          | 300*240*200   |
|          | D-8A          | 10              | 300          | 19            | 19.3          | 300*240*200   |
|          | D-8B          | 10              | 300          | 19            | 19.3          | 300*240*200   |
|          | D-9A          | 10              | 250          | 16.5          | 16.8          | 300*240*200   |
|          | D-9B          | 10              | 250          | 14.6          | 14.9          | 300*240*200   |
|          | D-10          | 10              | 200          | 25            | 25.3          | 300*240*200   |
|          | D-11A         | 10              | 300          | 19.9          | 20.2          | 300*240*200   |

## Packing Details for joints 接头包装方式

Packing for Single Piece (Standard Joints, thk.2.3mm) 单片包装数据 (普通接头系列, 厚度2.3mm)

| PHOTO 图片                                                                            | Part No. 单片货号 | PCS/PE Bag 每袋数量 | PCS/CTN 每箱数量 | N.W./CTN 每箱净重 | G.W./CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|-------------------------------------------------------------------------------------|---------------|-----------------|--------------|---------------|---------------|---------------|
|    | D-11B         | 10              | 300          | 19.9          | 20.2          | 300*240*200   |
|    | D-12          | 10              | 300          | 16.5          | 16.8          | 300*240*200   |
|    | D-13          | 10              | 500          | 17.7          | 18            | 300*240*200   |
|   | D-14          | 10              | 500          | 18.7          | 19            | 300*240*200   |
|  | D-15          | 10              | 400          | 20.58         | 20.88         | 300*240*200   |
|  | D-16          | 10              | 400          | 24            | 24.3          | 300*240*200   |
|  | D-17          | 10              | 200          | 20            | 20.3          | 300*240*200   |
|  | D-18          | 10              | 240          | 21.6          | 21.9          | 300*240*200   |
|  | D-19          | 10              | 500          | 22.65         | 22.95         | 300*240*200   |
|  | F-140         | 10              | 250          | 1.65          | 1.95          | 300*240*200   |

Packing for Single Piece (Heavy duty, thk.2.5mm) 单片包装数据 (重型接头系列, 厚度2.5mm)

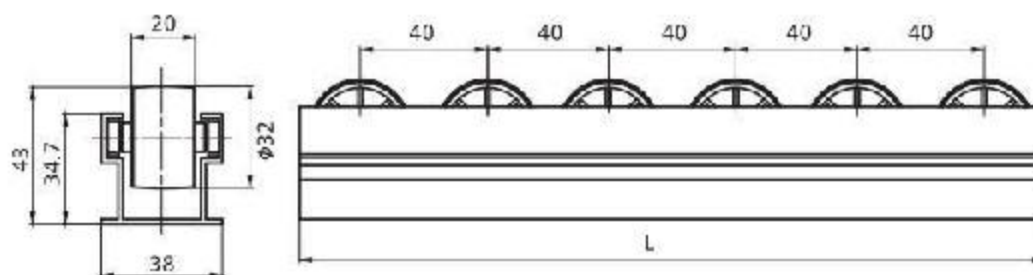
| PHOTO 图片                                                                            | Part No. 单片货号 | PCS/PE Bag 每袋数量 | PCS/CTN 每箱数量 | N.W./CTN 每箱净重 | G.W./CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|-------------------------------------------------------------------------------------|---------------|-----------------|--------------|---------------|---------------|---------------|
|  | D-1-H         | 10              | 300          | 21.45         | 21.75         | 300*240*200   |
|  | D-1-V2        | 10              | 240          | 19.5          | 19.8          | 300*240*200   |
|  | D-2-H         | 10              | 200          | 20.05         | 20.35         | 300*240*200   |
|  | D-2-V2        | 10              | 200          | 20.7          | 21            | 300*240*200   |
|  | D-3-H         | 10              | 100          | 12.8          | 13.1          | 300*240*200   |
|  | D-3-V2        | 10              | 80           | 11.1          | 11.4          | 300*240*200   |
|  | D-4-H         | 10              | 200          | 22.7          | 23            | 300*240*200   |
|  | D-4-V2        | 10              | 200          | 24.2          | 24.5          | 300*240*200   |
|  | D-5-V2        | 10              | 300          | 16            | 16.3          | 300*240*200   |
|  | D-6-V2        | 10              | 500          | 31.9          | 32.2          | 300*240*200   |

Packing Details for joints 接头包装方式

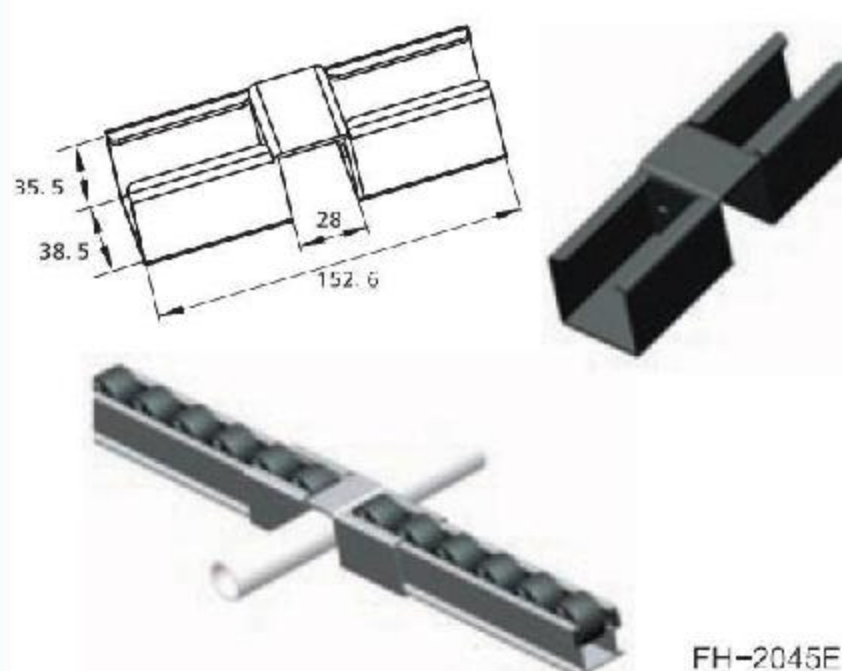
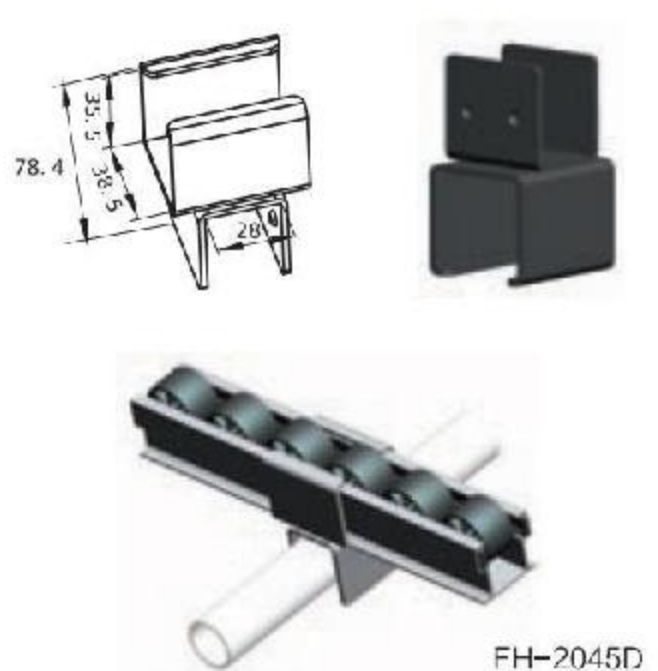
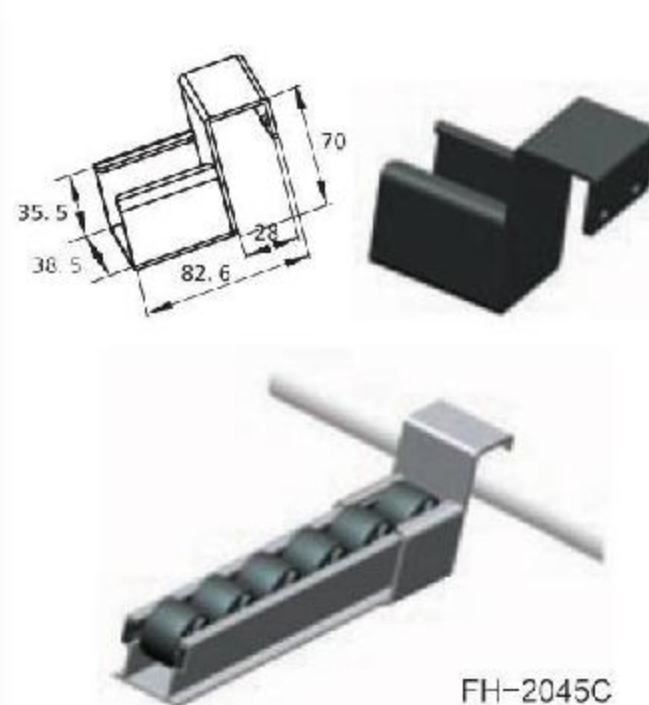
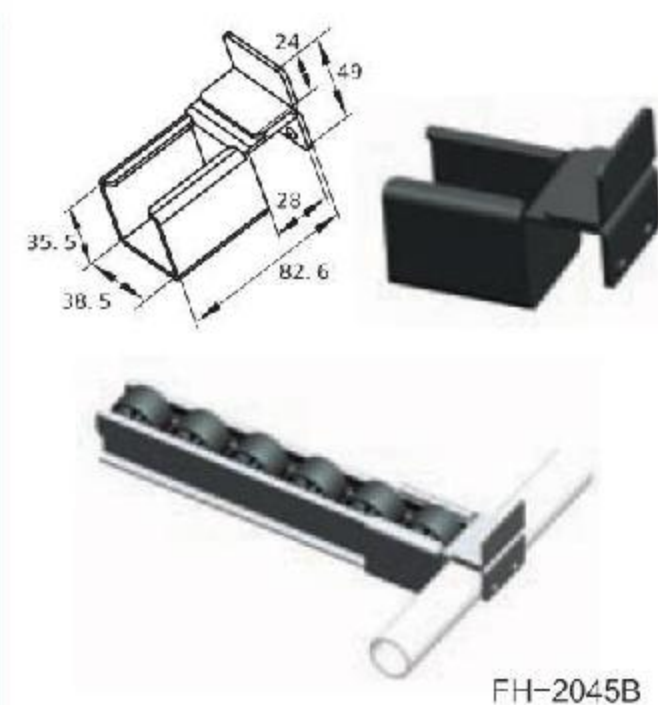
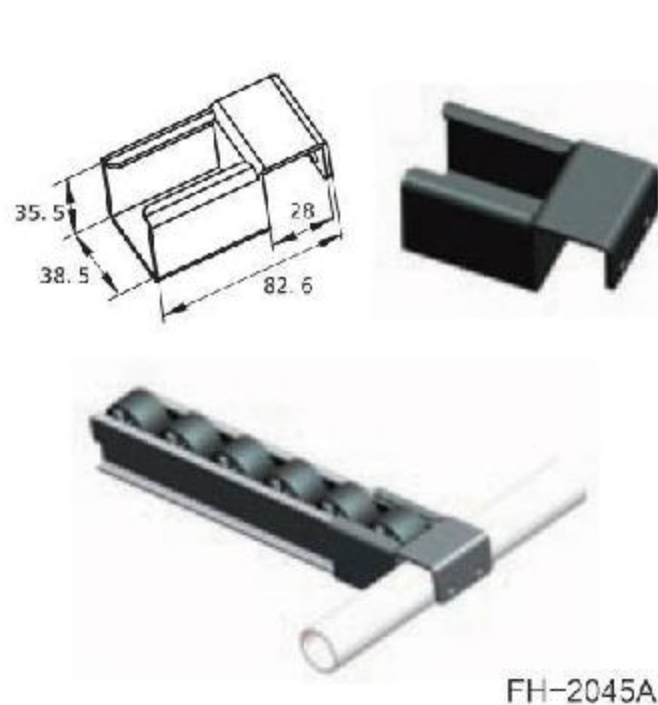
Packing for Single Piece (Heavy duty,thk.2.5mm) 单片包装数据 (重型接头系列, 厚度2.5mm)

| PHOTO 图片                                                                          | Part No. 单片货号 | PCS/PE Bag 每袋数量 | PCS/CTN 每箱数量 | N.W./CTN 每箱净重 | G.W./CTN 每箱毛重 | CTN SIZE 纸箱尺寸 |
|-----------------------------------------------------------------------------------|---------------|-----------------|--------------|---------------|---------------|---------------|
|  | D-7-V2        | 10              | 200          | 14.3          | 14.6          | 300*240*200   |
|  | D-8A-V2       | 10              | 250          | 20            | 20.3          | 300*240*200   |
|  | D-8B-V2       | 10              | 250          | 20            | 20.3          | 300*240*200   |
|  | D-12-V2       | 10              | 300          | 19.5          | 19.8          | 300*240*200   |

## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列

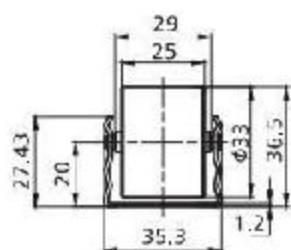


| 产品编号<br>Item No. | 滚轮材质<br>Roller Material | 外框材质<br>Rack Material | 承重<br>Load-bearing    | 重量<br>Weight                 | 标准长度<br>Standard Length | 标准包装<br>Standard Packing    |
|------------------|-------------------------|-----------------------|-----------------------|------------------------------|-------------------------|-----------------------------|
| ALU-2045         | Black PP<br>黑色PP        | Alu alloy<br>铝合金      | 15 kg/axis<br>15 kg/轴 | 0.825 kg/meter<br>0.825 kg/米 | 4 meters<br>4 米         | 24 m/pp bag<br>24 米/包 (编织袋) |

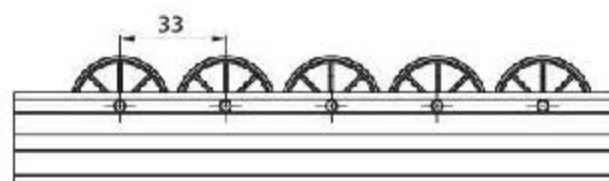
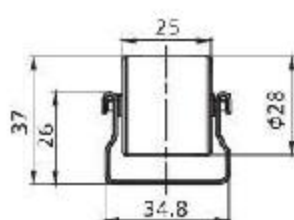


| Item No.产品编号 | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  | Material 材质<br>Cold-rolled Steel Thk.2.3mm 厚度冷轧钢               |
|--------------|--------------|--------------|----------------|----------------------------------------------------------------|
| FH-2045A     | 80 pcs       | 11.85 kg     | 300*240*200 mm | Finish 表面处理<br>Zinc Blue 镀蓝锌                                   |
| FH-2045B     | 60 pcs       | 14 kg        | 300*240*200 mm | Used With 适用于<br>Roller track 流利条: ALU-2045; Pipe 线棒 $\phi 28$ |
| FH-2045C     | 60 pcs       | 12.5 kg      | 300*240*200 mm |                                                                |
| FH-2045D     | 80 pcs       | 14.6 kg      | 300*240*200 mm |                                                                |
| FH-2045E     | 32 pcs       | 10.8 kg      | 300*240*200 mm |                                                                |

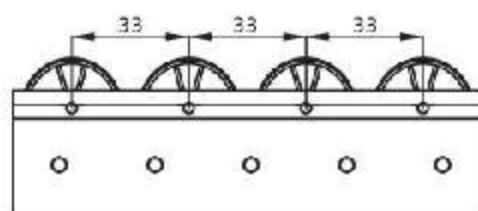
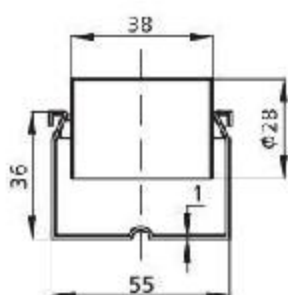
## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列



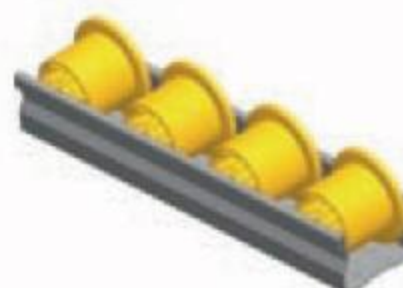
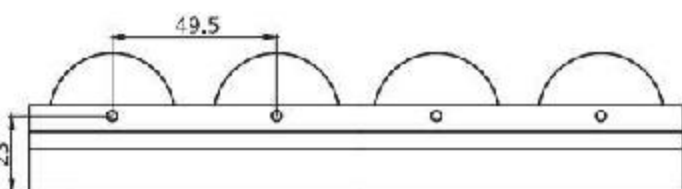
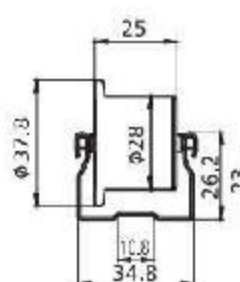
| 产品编号<br>Item No. | 滚轮材质<br>Roller Material  | 外框材质<br>Rack Material    | 承重<br>Load-bearing    | 重量<br>Weight               | 标准长度<br>Standard Length                           | 标准包装<br>Standard Packing   |
|------------------|--------------------------|--------------------------|-----------------------|----------------------------|---------------------------------------------------|----------------------------|
| STE-33           | Black PP<br>黑色PP         | Zinc Plated Steel<br>镀锌板 | 10 kg/axis<br>10 kg/轴 | 1.05 kg/meter<br>1.05 kg/米 | 4 meters(also can be customized)<br>4米(可根据客户要求定制) | 24 m/pp bag<br>24米/包 (编织袋) |
| STE-33F          | Black PP-ESD<br>黑色PP 防静电 | Zinc Plated Steel<br>镀锌板 | 5 kg/axis<br>5 kg/轴   | 1.07 kg/meter<br>1.07 kg/米 | 4 meters(also can be customized)<br>4米(可根据客户要求定制) | 24 m/pp bag<br>24米/包 (编织袋) |



| 产品编号<br>Item No. | 滚轮材质<br>Roller Material | 外框材质<br>Rack Material    | 承重<br>Load-bearing  | 重量<br>Weight                 | 标准长度<br>Standard Length | 标准包装<br>Standard Packing   |
|------------------|-------------------------|--------------------------|---------------------|------------------------------|-------------------------|----------------------------|
| STE-28A          | Yellow ABS<br>ABS 黄色    | Zinc Plated Steel<br>镀锌板 | 8 kg/axis<br>8 kg/轴 | 0.845 kg/meter<br>0.845 kg/米 | 4 meters<br>4米          | 48 m/pp bag<br>48米/包 (编织袋) |

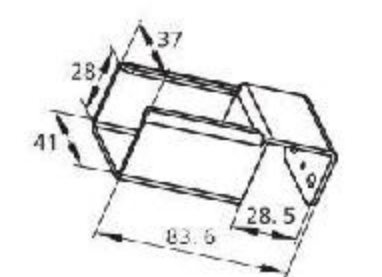


| 产品编号<br>Item No. | 滚轮材质<br>Roller Material | 外框材质<br>Rack Material    | 承重<br>Load-bearing | 重量<br>Weight              | 标准长度<br>Standard Length    | 标准包装<br>Standard Packing   |
|------------------|-------------------------|--------------------------|--------------------|---------------------------|----------------------------|----------------------------|
| STE-28C          | Black PP<br>黑色PP        | Zinc Plated Steel<br>镀锌板 | 8 kg/axis<br>8KG/轴 | 1.35 kg/meter<br>1.35KG/米 | 3 meters (Max.)<br>3米 (最长) | 18 m/pp bag<br>18米/包 (编织袋) |

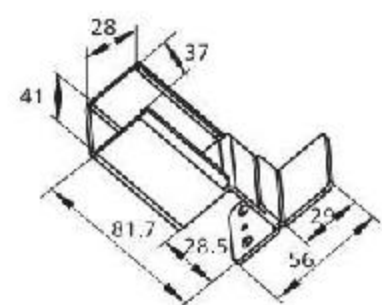


| 产品编号<br>Item No. | 滚轮材质<br>Roller Material | 外框材质<br>Rack Material    | 承重<br>Load-bearing  | 重量<br>Weight                 | 标准长度<br>Standard Length | 标准包装<br>Standard Packing   |
|------------------|-------------------------|--------------------------|---------------------|------------------------------|-------------------------|----------------------------|
| STE-28D          | Yellow ABS<br>ABS 黄色    | Zinc Plated Steel<br>镀锌板 | 8 kg/axis<br>8 kg/轴 | 0.810 kg/meter<br>0.810 kg/米 | 4 meters<br>4米          | 48 m/pp bag<br>48米/包 (编织袋) |

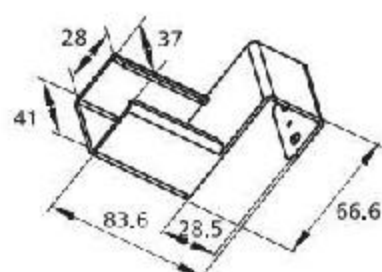
## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列



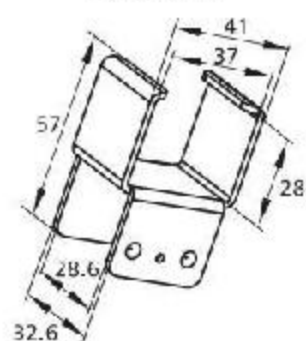
FH-2033A



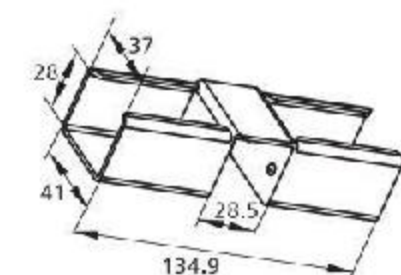
FH-2033B



FH-2033C



FH-2033D

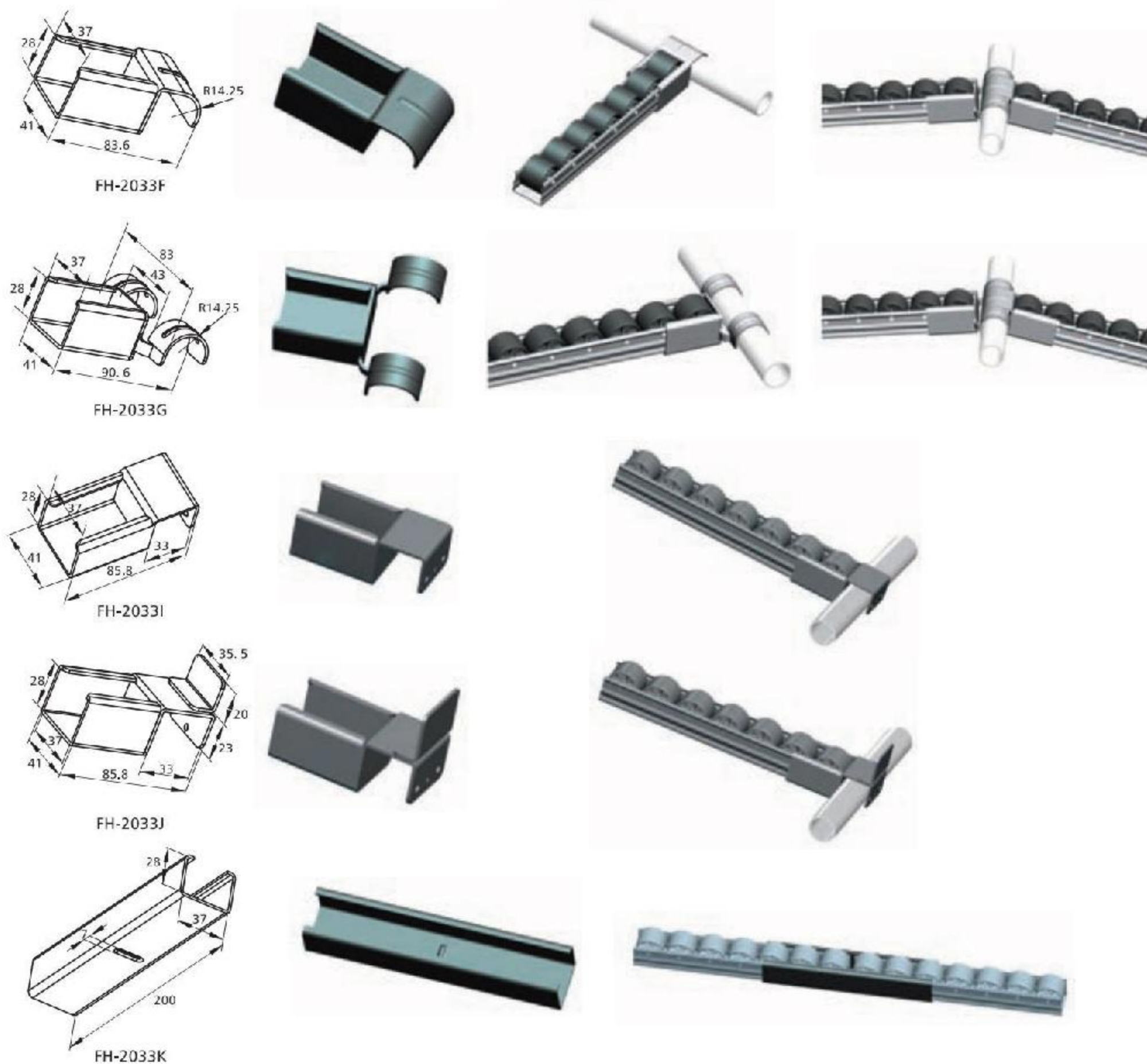


FH-2033E



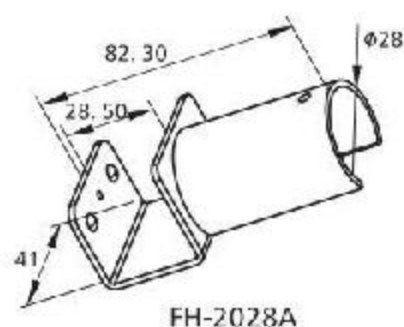
| Item No.产品编号 | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  | Material 材质                                   |
|--------------|--------------|--------------|----------------|-----------------------------------------------|
| FH-2033A     | 100 pcs      | 13.70 kg     | 300*240*200 mm | Cold-rolled Steel Thk.2.0mm 厚度冷轧钢             |
| FH-2033B     | 80 pcs       | 13.00 kg     | 300*240*200 mm | Finish 表面处理                                   |
| FH-2033C     | 80 pcs       | 12.80 kg     | 300*240*200 mm | Zinc Blue 镀蓝锌                                 |
| FH-2033D     | 150 pcs      | 11.00 kg     | 300*240*200 mm | Used With 适用于                                 |
| FH-2033E     | 55 pcs       | 12.50 kg     | 300*240*200 mm | Roller track 流利条: STE-33/28A/28D; Pipe 线棒 Φ28 |

## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列

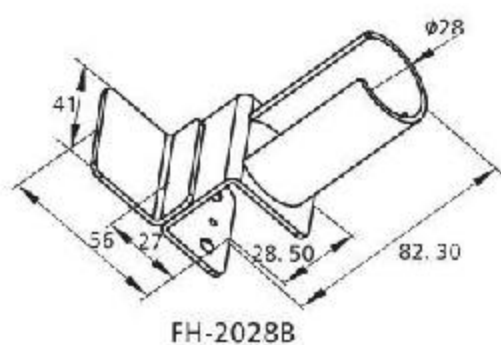


| Item No. 产品编号 | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  | Material 材质<br>Cold-rolled Steel Thk.2.0mm 厚度冷轧钢                     |
|---------------|--------------|--------------|----------------|----------------------------------------------------------------------|
| FH-2033F      | 100 pcs      | 13.10 kg     | 300*240*200 mm |                                                                      |
| FH-2033G      | 80 pcs       | 11.75 kg     | 300*240*200 mm | Finish 表面处理<br>Zinc Blue 镀蓝锌                                         |
| FH-2033I      | 100 pcs      | 13.80 kg     | 300*240*200 mm |                                                                      |
| FH-2033J      | 80 pcs       | 13.10 kg     | 300*240*200 mm | Used With 适用于<br>Roller track 流利条: STE-33/28A/28D; Pipe 线棒 $\phi 28$ |
| FH-2033K      | 60 pcs       | 19.70 kg     | 300*240*200 mm |                                                                      |

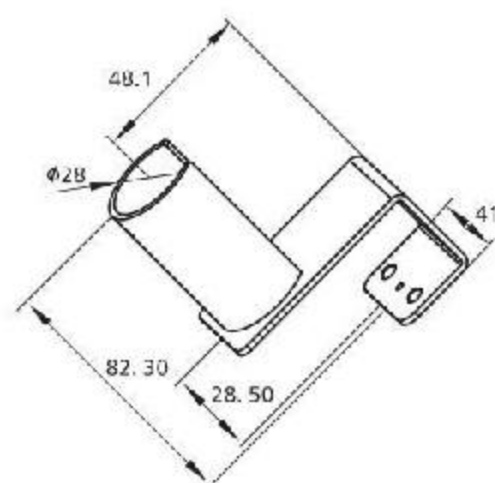
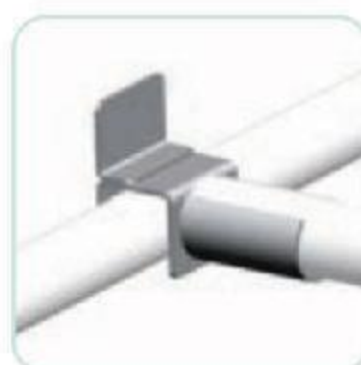
## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列



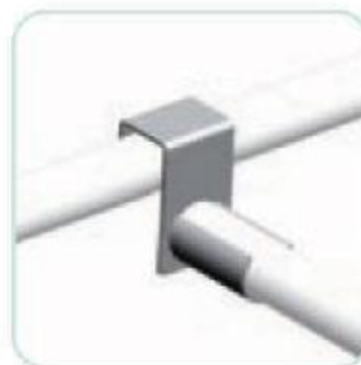
FH-2028A



FH-2028B

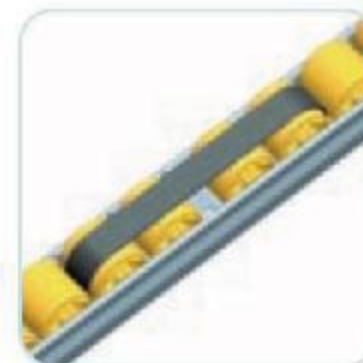
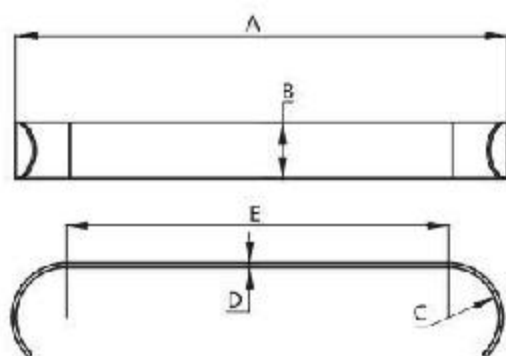


FH-2028C

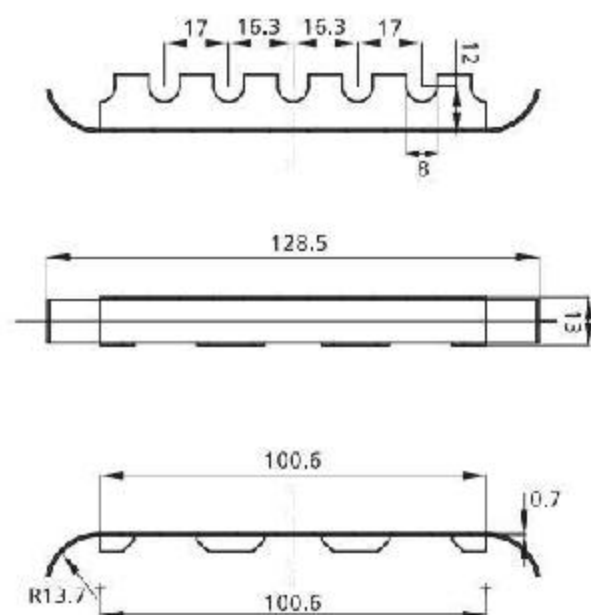


| Item No.产品编号 | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  | Material 材质                                                          |
|--------------|--------------|--------------|----------------|----------------------------------------------------------------------|
| FH-2028A     | 100 pcs      | 10.70 kg     | 300*240*200 mm | Cold-rolled Steel Thk.2.0mm 厚度冷轧钢                                    |
| FH-2028B     | 80 pcs       | 10.60 kg     | 300*240*200 mm | Finish 表面处理: Zinc Blue 镀蓝锌                                           |
| FH-2028C     | 80 pcs       | 12.40 kg     | 300*240*200 mm | Used With 适用于<br>Roller track 流利条: STE-33/28A/28D; Pipe 线棒 $\Phi 28$ |

## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列

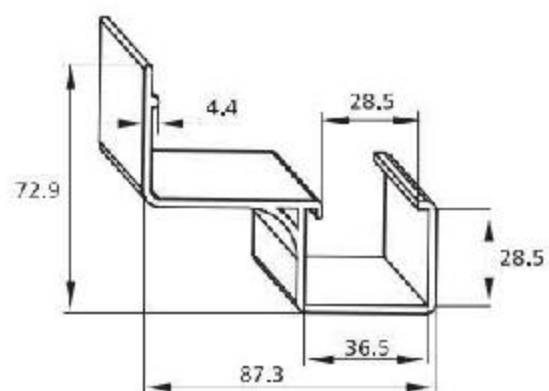


| Item No. 产品编号 | A   | B  | C     | D   | E   | Material 材质      | PCS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸(mm) |
|---------------|-----|----|-------|-----|-----|------------------|--------------|--------------|-------------------|
| FH-1003       | 131 | 15 | R13.5 | 1   | 102 | SS Steel 304 不锈钢 |              |              |                   |
| FH-1005       | 152 | 20 | R16.5 | 0.8 | 119 | SS Steel 304 不锈钢 |              |              |                   |

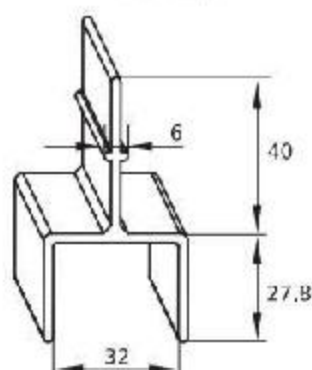
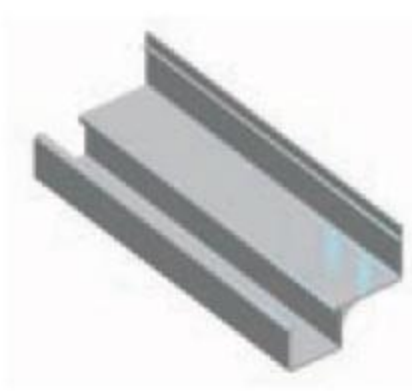


| Item No. 产品编号 | Material 材质      | PCS/CTN 每箱数量 | KGS/CTN 每箱毛重 | CTN SIZE 纸箱尺寸(mm) |
|---------------|------------------|--------------|--------------|-------------------|
| FH-1004       | SS Steel 304 不锈钢 |              |              |                   |

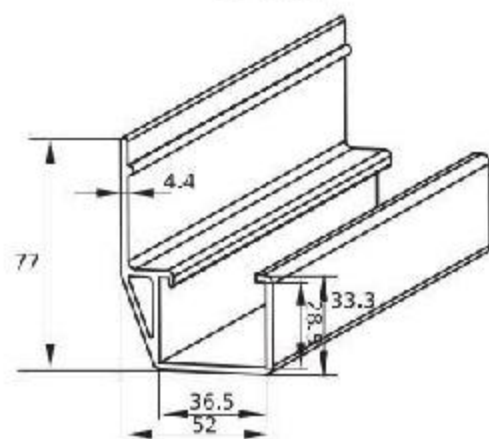
## Pipe Rack System/Slide Guide EF- 管架系统/塑料挡板EF系列



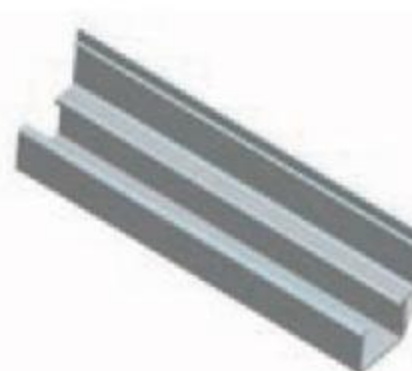
EF-3380



EF-3381

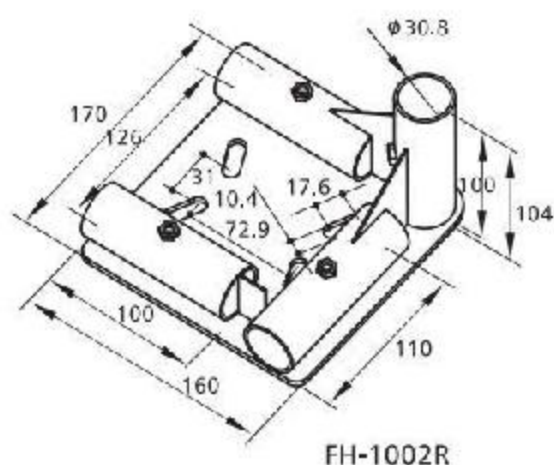


EF-3382

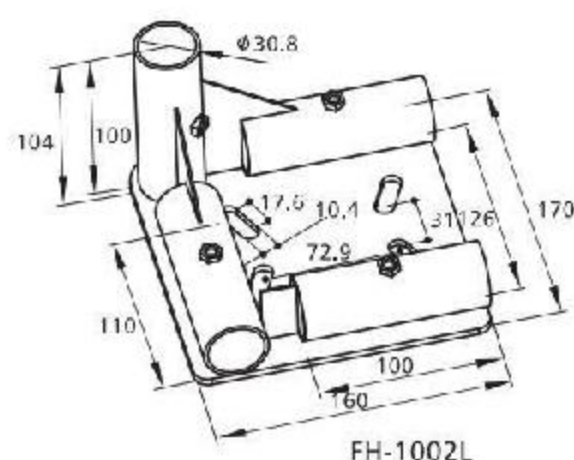


| Item No.<br>产品编号 | Material<br>材质 | Color<br>颜色 | Length<br>标准长度 | Used with<br>适用于 | Packing<br>包装 | G.W./pp bag<br>每包毛重 | Packing Size<br>纸箱尺寸 |
|------------------|----------------|-------------|----------------|------------------|---------------|---------------------|----------------------|
| EF-3380          | PVC            | White 白色    | 4 meters       | STE-33/28A       | 24 m/pp bag   | 21.6 kg             | 405*14*12cm          |
| EF-3380-ESD      | ESD PVC 防静电    | Black 黑色    |                |                  |               |                     |                      |
| EF-3381          | PVC            | White 白色    | 4 meters       | FH-2033          | 24 m/pp bag   | 13.2 kg             | 405*14*12cm          |
| EF-3381-ESD      | ESD PVC 防静电    | Black 黑色    |                |                  |               |                     |                      |
| EF-3382          | PVC            | White 白色    | 4 meters       | STE-33/28A       | 24 m/pp bag   | 19.0 kg             | 405*14*12cm          |
| EF-3382-ESD      | ESD PVC 防静电    | Black 黑色    |                |                  |               |                     |                      |

## Pipe Rack System/Roller Tracks & Mounting Brackets 管架系统/流利条及接头系列



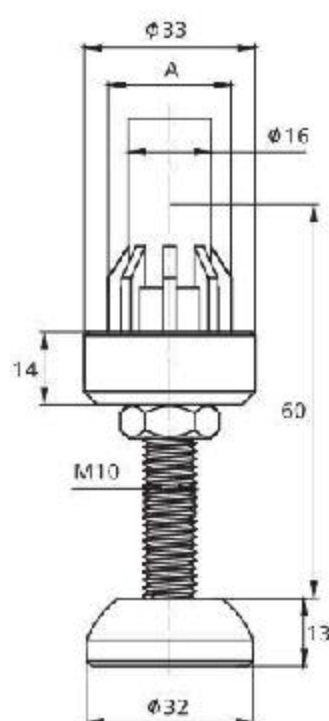
FH-1002R



FH-1002L



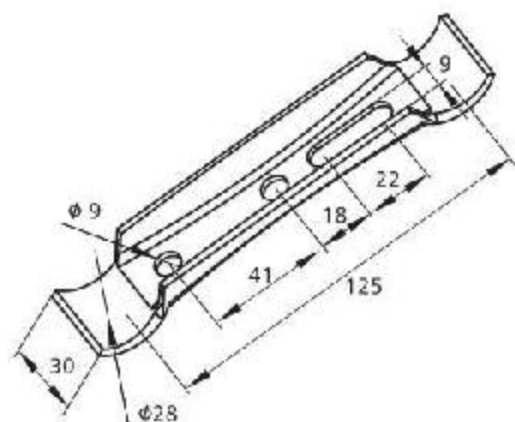
| Item No. 产品编号 | Material 材质        | Finish 表面处理    | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|---------------|--------------------|----------------|--------------|--------------|----------------|
| FH-1002R      | Cold-rolled Steel, | Black Painting | 6 pcs        | 9.30 kg      | 300*240*200 mm |
| FH-1002L      | Thk.2.3mm 厚度冷轧钢    | 黑色电泳漆          | 6 pcs        | 9.30 kg      | 300*240*200 mm |



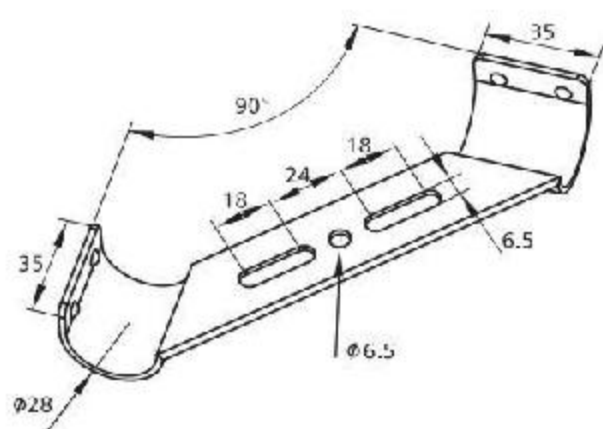
| Item No.<br>产品编号 | Dim.A<br>尺寸A | For Pipe Spec.<br>适用线棒规格 | Material 材质    |                |          | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|--------------|--------------------------|----------------|----------------|----------|-----------------|-----------------|------------------|
|                  |              |                          | Base 底座        | Bush 衬套        | Bolt 丝杠  |                 |                 |                  |
| FH-1200L         | Φ23.8        | T 0.8/1.0/1.2            | Black PP<br>黑色 | Black PP<br>黑色 | Steel 碳钢 | 160             | 12.90 kg        | 300*240*200mm    |
| FH-1200L-V2      | Φ22.5        | T 1.5/2.0                |                |                |          |                 |                 |                  |



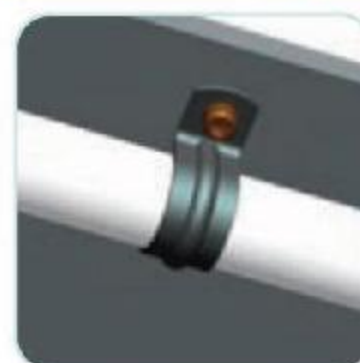
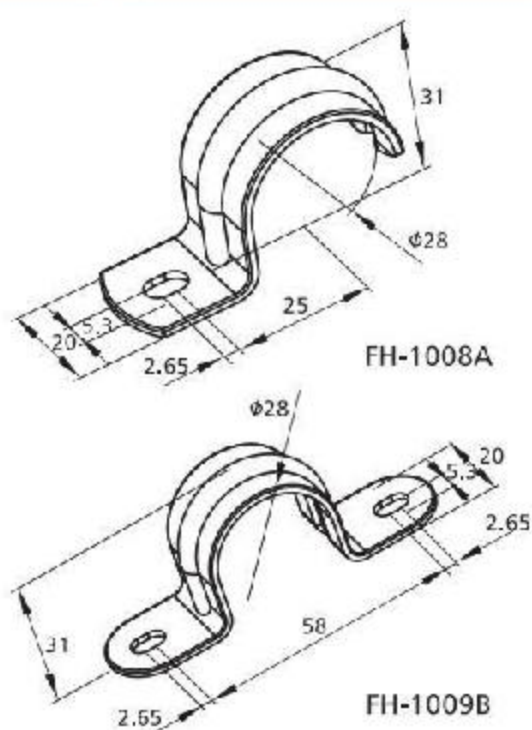
Pipe Rack System/Pipe Connector/FH- 管架系统/线棒连接件/FH系列



| Item No.产品编号 | Material 材质                         | Finish 表面处理      | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|--------------|-------------------------------------|------------------|--------------|--------------|----------------|
| FH-1001C     | Cold-rolled Steel t2.5<br>冷轧钢 厚度2.5 | Zinc Blue<br>镀蓝锌 | 200 pcs      | 22.80 kg     | 300*240*200 mm |

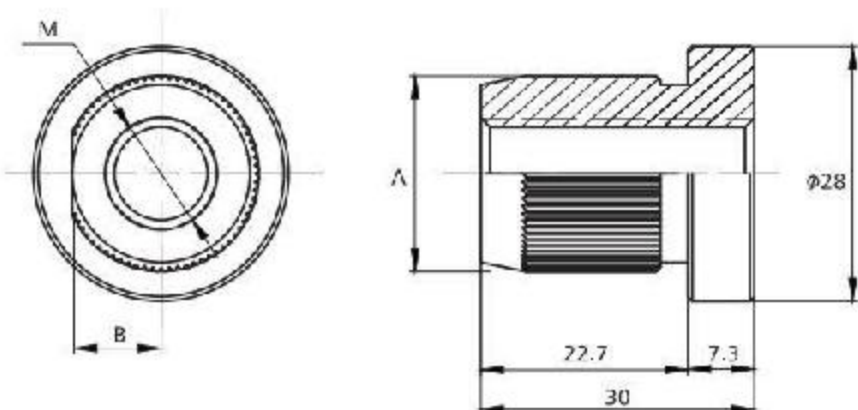


| Item No.产品编号 | Material 材质                         | Finish 表面处理      | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|--------------|-------------------------------------|------------------|--------------|--------------|----------------|
| FH-1010      | Cold-rolled Steel t2.5<br>冷轧钢 厚度2.5 | Zinc Blue<br>镀蓝锌 | 120 pcs      | 12.00 kg     | 300*240*200 mm |

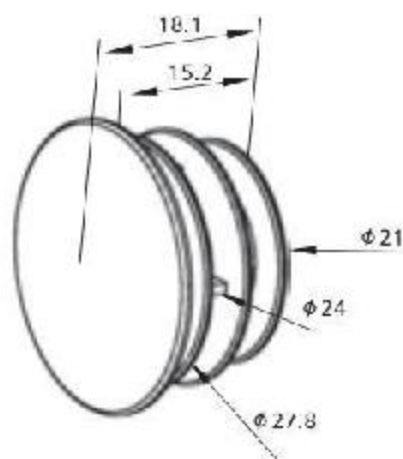


| Item No.产品编号 | Material 材质                         | Finish 表面处理      | QTY/CTN 每箱数量 | G.W/CTN 每箱毛重 | CTN SIZE 纸箱尺寸  |
|--------------|-------------------------------------|------------------|--------------|--------------|----------------|
| FH-1008A     | Cold-rolled Steel t1.5<br>冷轧钢 厚度1.5 | Zinc Blue<br>镀蓝锌 | 800 pcs      | 13.70 kg     | 300*240*200 mm |
| FH-1009B     | Cold-rolled Steel t1.5<br>冷轧钢 厚度1.5 | Zinc Blue<br>镀蓝锌 | 400 pcs      | 13.30 kg     | 300*240*200 mm |

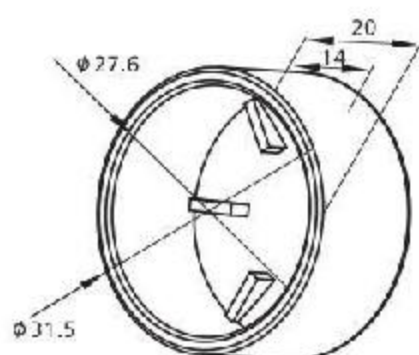
## Pipe Rack System/Pipe Connector/F- 管架系统/线棒连接件/F系列



| Item No.<br>产品编号 | A<br>尺寸A | B<br>尺寸B | For Pipe Spec.<br>适用线棒规格 | Thread M<br>螺纹 M | Material<br>材质              | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|----------|----------|--------------------------|------------------|-----------------------------|-----------------|-----------------|------------------|
| F-190-B-1        |          |          |                          | M10              | Steel, Zinc Blue<br>碳钢, 镀蓝锌 | 250             | 20.7            | 225*170*180mm    |
| F-190-B-2        | Φ22.1    | Φ9.8     | T 2.0 mm                 | M12              |                             | 250             |                 | 225*170*180mm    |
| F-190-B-3        |          |          |                          | 1/2-13           |                             | 250             |                 | 225*170*180mm    |
| F-190-C-1        | Φ23.7    | Φ10.65   | T 1.0 mm                 | M10              |                             | 250             | 22.80           | 225*170*180mm    |
| F-190-C-2        |          |          |                          | M12              |                             | 250             |                 | 225*170*180mm    |

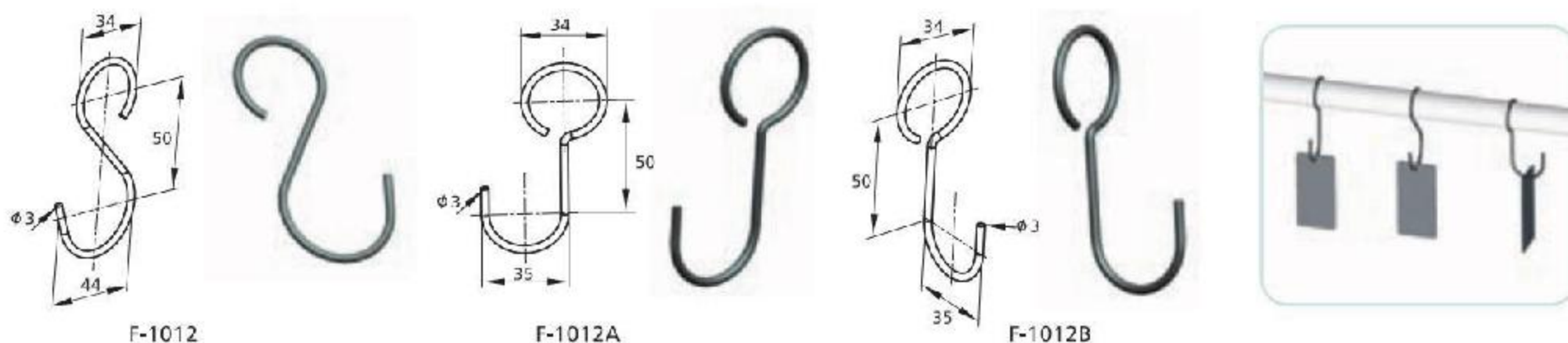


| Item No.<br>产品编号 | For Pipe Spec.<br>适用线棒规格 | Material<br>材质 | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|--------------------------|----------------|-----------------|-----------------|------------------|
| F-110-X          | T 0.8-2.0                | Black PP 黑色    | 1000 pcs        | 2.90 kg         | 300*240*200mm    |

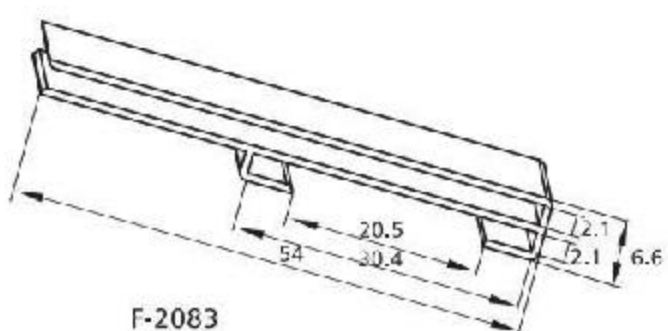
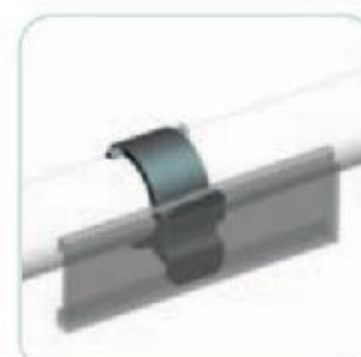
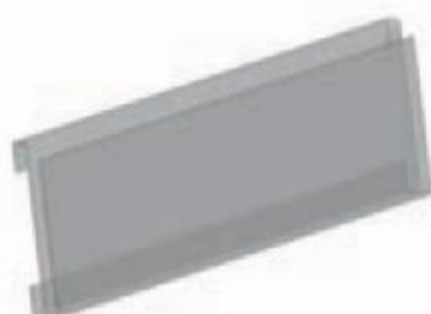
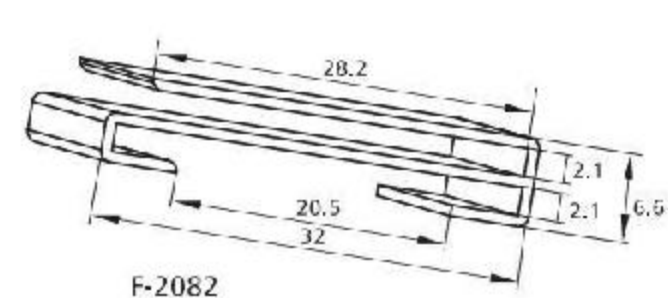


| Item No.<br>产品编号 | For Pipe Spec.<br>适用线棒规格 | Material<br>材质 | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|--------------------------|----------------|-----------------|-----------------|------------------|
| F-160            | T 0.8-2.0                | Black PP 黑色    | 600 pcs         | 2.50 kg         | 300*240*200mm    |

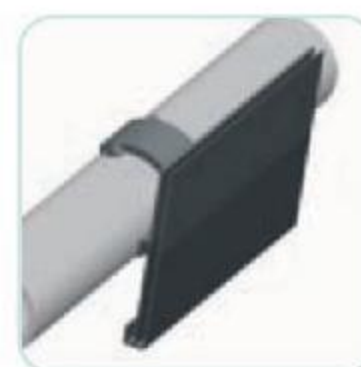
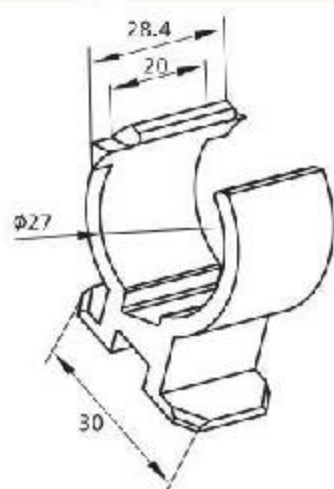
## Pipe Rack System/Pipe Connector/F- 管架系统/线棒连接件/F系列



| Item No.<br>产品编号 | Material<br>材质 | Finish<br>表面处理       | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|----------------|----------------------|-----------------|-----------------|------------------|
| F-1012           | Steel<br>钢丝    | Black Paint<br>黑色电泳漆 | 800 pcs         | 10.30 kg        | 300*240*200mm    |
| F-1012A          |                |                      | 800 pcs         | 12.30 kg        | 300*240*200mm    |
| F-1012B          |                |                      | 400 pcs         | 6.30 kg         | 300*240*200mm    |



| Item No.<br>产品编号 | Length<br>长度 | Material<br>材质 | Color<br>颜色       | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|--------------|----------------|-------------------|-----------------|-----------------|------------------|
| F-2082           | 2000 mm      | PVC            | Transparent<br>透明 | 200 meters      | 14.60 kg        | 300*240*200mm    |
| F-2083           |              |                |                   | 200 meters      | 21.40 kg        | 300*240*200mm    |



| Item No.<br>产品编号 | Material<br>材质 | Color<br>颜色    | QTY/CTN<br>每箱数量 | G.W/CTN<br>每箱毛重 | CTN SIZE<br>纸箱尺寸 |
|------------------|----------------|----------------|-----------------|-----------------|------------------|
| F-120            | PVC            | Transparent 透明 | 400 pcs         | 3.00 kg         | 300*240*200mm    |

## Pipe Rack System/Caster FHJ 管架系统/脚轮 FHJ 系列



| Item No. 产品型号 |    |       |      |       |         |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|---------|-----|---------------|---------------|---------------|
|               |    |       |      |       |         |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-301       | 3" | 75mm  | 32mm | 106mm | 73*45mm | 110 | 15 pcs        | 7.8 kg        | 30*24*20cm    |
| FHJ-401       | 4" | 100mm | 32mm | 133mm | 73*45mm | 125 | 15 pcs        | 9.6 kg        | 30*24*20cm    |
| FHJ-501       | 5" | 125mm | 32mm | 157mm | 73*45mm | 150 | 10 pcs        | 8.1 kg        | 30*24*20cm    |



| Item No. 产品型号 |    |       |      |       |         |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|---------|-----|---------------|---------------|---------------|
|               |    |       |      |       |         |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-302       | 3" | 75mm  | 32mm | 106mm | 73*45mm | 110 | 20 pcs        | 14.9 kg       | 30*24*20cm    |
| FHJ-402       | 4" | 100mm | 32mm | 133mm | 73*45mm | 125 | 15 pcs        | 12.8 kg       | 30*24*20cm    |
| FHJ-502       | 5" | 125mm | 32mm | 157mm | 73*45mm | 150 | 10 pcs        | 10.0 kg       | 30*24*20cm    |

## Pipe Rack System/Caster FHJ 管架系统/脚轮 FHJ 系列



| Item No. 产品型号 |    |       |      |       |         |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|---------|-----|---------------|---------------|---------------|
|               |    |       |      |       |         |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-303       | 3" | 75mm  | 32mm | 110mm | 73*45mm | 110 | 15 pcs        | 13.0 kg       | 30*24*20cm    |
| FHJ-403       | 4" | 100mm | 32mm | 133mm | 73*45mm | 125 | 10 pcs        | 9.8 kg        | 30*24*20cm    |
| FHJ-503       | 5" | 125mm | 32mm | 157mm | 73*45mm | 150 | 10 pcs        | 11.2 kg       | 30*24*20cm    |

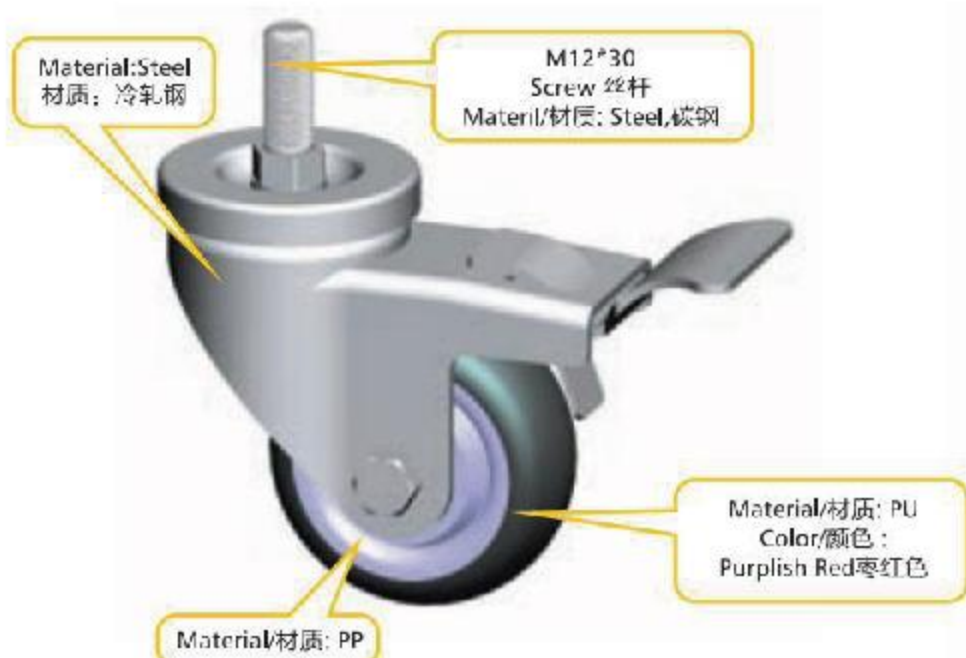


| Item No. 产品型号 |    |       |      |       |  |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|--|-----|---------------|---------------|---------------|
|               |    |       |      |       |  |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-304       | 3" | 75mm  | 32mm | 106mm |  | 110 | 15 pcs        | 10.5 kg       | 30*24*20cm    |
| FHJ-404       | 4" | 100mm | 32mm | 133mm |  | 125 | 15 pcs        | 12.0 kg       | 30*24*20cm    |
| FHJ-504       | 5" | 125mm | 32mm | 157mm |  | 150 | 10 pcs        | 9.5 kg        | 30*24*20cm    |

## Pipe Rack System/Caster FHJ 管架系统/脚轮 FHJ 系列



| Item No. 产品型号 |    |       |      |       |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|-----|---------------|---------------|---------------|
|               |    |       |      |       |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-305       | 3" | 75mm  | 32mm | 106mm | 110 | 15 pcs        | 12.3 kg       | 30*24*20cm    |
| FHJ-405       | 4" | 100mm | 32mm | 133mm | 125 | 10 pcs        | 9.4 kg        | 30*24*20cm    |
| FHJ-505       | 5" | 125mm | 32mm | 157mm | 150 | 10 pcs        | 10.8 kg       | 30*24*20cm    |



| Item No. 产品型号 |    |       |      |       |     | Packing 包装    |               |               |
|---------------|----|-------|------|-------|-----|---------------|---------------|---------------|
|               |    |       |      |       |     | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-308       | 3" | 75mm  | 32mm | 106mm | 110 | 15 pcs        | 8.7 kg        | 30*24*20cm    |
| FHJ-408       | 4" | 100mm | 32mm | 133mm | 125 | 15 pcs        | 10.5 kg       | 30*24*20cm    |
| FHJ-508       | 5" | 125mm | 32mm | 157mm | 150 | 10 pcs        | 8.5 kg        | 30*24*20cm    |

Pipe Rack System/Caster FHJ 管架系统/脚轮 FHJ 系列



| Item No. 产品型号 |  |  |  |  |  | Packing 包装    |               |               |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|---------------|---------------|
|               |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | Qty./ctn 每箱数量 | W.G./ctn 每箱毛重 | CTN SIZE 纸箱尺寸 |
| FHJ-309       | 3 "                                                                                 | 75mm                                                                                | 32mm                                                                                  | 106mm                                                                                 | 110                                                                                   | 15 pcs        | 8.7 kg        | 30*24*20cm    |
| FHJ-409       | 4 "                                                                                 | 100mm                                                                               | 32mm                                                                                  | 133mm                                                                                 | 125                                                                                   | 15 pcs        | 10.5 kg       | 30*24*20cm    |
| FHJ-509       | 5 "                                                                                 | 125mm                                                                               | 32mm                                                                                  | 157mm                                                                                 | 150                                                                                   | 10 pcs        | 8.5 kg        | 30*24*20cm    |

## Pipe Rack System/Work Table Face Plate 管架系统/面板系列

### 工作台面板规格表 WORK TABLE FACE PLATE SPECIFICATION LIST

| 台板面板类型<br>Type of table face plate  | 常用厚度(mm)<br>Common thickness |     |     |      |      |      |      | 选择应用范围<br>Selection of application range |                 |                   |               |
|-------------------------------------|------------------------------|-----|-----|------|------|------|------|------------------------------------------|-----------------|-------------------|---------------|
|                                     | 3mm                          | 6mm | 9mm | 12mm | 16mm | 18mm | 25mm | 装饰背板<br>Decoration<br>backboard          | 背板<br>Backboard | 台面板<br>Countertop | 层板<br>Plywood |
| 高强度复合板型<br>High strength clad plate |                              |     | ★   | ★    | ★    | ★    | ★    |                                          |                 | ★                 | ★             |
| 硬质PVC板<br>Rigid PVC plate           |                              | ★   | ★   | ★    | ★    | ★    | ★    |                                          |                 | ★                 | ★             |
| 中空板<br>Hollow plate                 | ★                            |     |     |      |      |      |      | ★                                        | ★               |                   | ★             |
| 多层夹板<br>Multiply-plywood            |                              |     |     | ★    | ★    | ★    | ★    | ★                                        | ★               | ★                 | ★             |

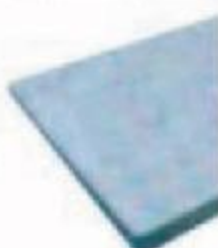
### 贴面板及包边

#### 三聚氰胺板 Melamine Faced Board



**特性及应用 Features and applications**  
采用混合材料高温合成 Use synthetical materials composited in high-temperature;  
耐磨不易变形 Bright, clean and beautiful surface;  
具良好经济性 Abrasion resistant and indeformable;  
可采用不同类型贴面 Good economical efficiency;  
用于工作台及层板 You can use different types of fancy plywood for working table and plywood.

#### 硬质 P.V.C. Rigid P.V.C.



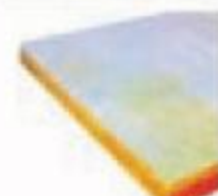
**特性及应用 Features and applications**  
表面平滑、光洁 Smooth, bright and clean surface;  
耐冲击、精度高 Shockproof, high-precision;  
防潮、防腐蚀 Moisture proof, corrosion prevention;  
适用于高强度要求的台面或层板  
Apply to high strength cases for working table and plywood.

#### 保丽板 Polyester Plywood



**特性及应用 Features and applications**  
硬质中空合成板 Hard hollow composite plywood;  
表面光滑、平整 Bright and clean surface;  
任意裁切、使用方便 It can be cut into certain shape as you requirements for easy use.

#### 多层夹板 Multiply-plywood



**特性及应用 Features and applications**  
木质多层合成板 Woody multilayer plywood;  
强度高、耐用 High strength and durable;  
适用于装配台面 Apply to countertop;  
可选择不同贴面板 You may select different fancy plywood.

#### 防静电胶皮 Anti-Static Rubber Sheet



**特性及应用 Features and applications**  
防静电胶垫  
Anti-static rubber pad;  
适用于电子产品抗静电  
Apply to anti-static electronic products;  
表面平整防滑  
Smooth, skid proof surface;  
表面电阻值: 107-108/cm<sup>2</sup>  
Surface resistance:  
107-108/cm<sup>2</sup>

#### P.V.C.胶皮 P.V.C. Rubber Sheet



**特性及应用 Features and applications**  
适用于通用工作台面贴面  
Apply to all-purpose worktable fancy plywood;  
高强度, 表面耐磨  
High strength, abrasion resistant surface;  
抗冲击, 使用寿命长  
Shockproof, long service life.

#### 普通胶皮 Common Rubber Sheet



**特性及应用 Features and applications**  
适用于普通工作贴面  
Apply to common fancy plywood;  
表面平整、防滑  
Smooth, skid proof surface;  
防潮、耐压性能良好  
Moisture proof, good pressure resistant performance;  
实用、经济  
Practical and economical.

#### 不锈钢板 Stainless Steel Plate



**特性及应用 Features and applications**  
不锈钢板 Stainless steel plate;  
适用于净化及防磁场合  
Apply to purification and antimagnetic cases;  
表面光滑、防腐蚀  
Smooth, corrosion prevention surface;  
具防火、防潮性能  
Good fireproof and moisture proof performance;  
耐酸碱及耐磨  
Acid and alkali-resistance, abrasion resistant surface.

#### T型胶边条 T-type Edge Rubber Tape



**特性及应用 Features and applications**  
适用于工作台面的边饰 Apply to working table rim;  
软性易弯曲、不变形 Flexible and indeformable;  
表面抗冲击 Shockproof surface;  
使用寿命长、美观 Long service life and beautiful.

## Pipe Rack System/Application Examples 管架系统/应用案例

### 工作台 WORK TABLE



### 周转箱 TURNOVER CARRIAGE



## Pipe Rack System/Application Examples 管架系统/应用案例

### 物料架 MATERIAL SHELF



### 物料车 MATERIAL CARRIAGE



## Pipe Rack System/Application Examples 管架系统/应用案例

### 工位器具 STATION APPLIANCES



### 货架 GOODS SHELF



## Pipe Rack System/Application Examples 管架系统/应用案例

### 单元生产线 UNIT PRODUCTION LINE



### 其他应用 OTHER APPLICATIONS

